MOUSER
ELECTRONICS

Prices Guaranteed Until July 31, 1995

Purchasing Manual 582

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Open 14 Hours Daily Monday-Friday

(800) 346-6873

Mouser's Service Guide

All Orders Ship Same Day

Mouser Ships Quick! If for some reason your phone order does not ship on the same day as placed, you will be notified and we pay the freight.

Guaranteed Prices

The prices published in this catalog are guaranteed until the date printed on front cover, and will not be increased unless due to an error.

Pre-Production Samples

Pre-production samples for customer evaluation are supplied upon request. For assistance please call any Mouser Service Representative.

OEM Prices

All items have extended price breaks. For quantities not shown in this catalog, call any Mouser Service representative.

Catalog Subscription

Each new edition is fully updated to reflect the latest available product information and pricing. For a free subscription, address change, or update, call our Circulation Center: **(800) 992-9943**. Or call any Mouser Service Representative.

Resistor Pricing

Resistors ordered in lots of 1000 or 1 reel per value can be combined with the same stock number range for lower price. Annual price agreements are also available. Call any Mouser Service Representative.

Technical Support

Any of our Catalog Technical Representatives, will be glad to assist you with cross-referencing, specifications, or other technical information.

Non-Catalog Items

No problem, please call any service representative.

Factory-Authorized Distributor

This is your assurance that our products meet the latest factory specifications and quality standards.

Bids and Quotes

We quickly process all bid and quote requests by phone, fax, or mail.

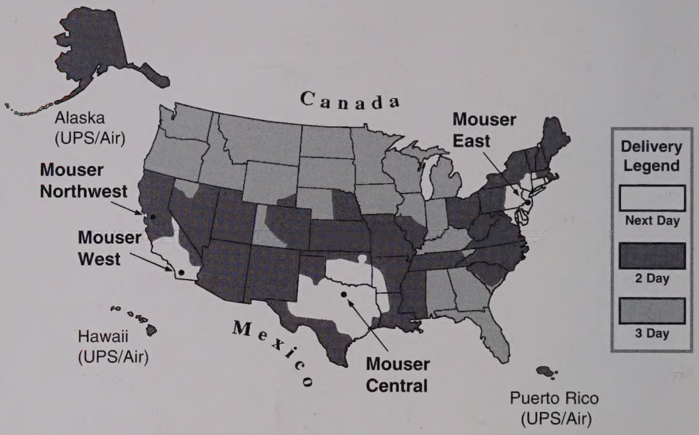
Quality, Speed, & Service

We believe you will receive the best. If we fall short, we will fix it. Call any Mouser Service Representative.

Mouser Sales and Distribution Centers

UPS Ground Delivery Schedule

No matter where you are in the Continental USA, by using economical UPS Ground you can expect to **RECEIVE** your order within **1, 2,** or **3 days.**



Mouser Northwest

Call:

(800) 346-6873

Monday - Friday
5AM - 7PM (PST)

370 Tomkins Court
Gilroy, CA 95020-3631
Phone: (408) 842-5522
Fax: (408) 842-7375

Next day will-call service:
Monday - Friday 8AM - 6PM

Mouser West

Call:

(800) 346-6873

Monday - Friday
5AM - 7PM (PST)

11433 Woodside Ave.
Santee, CA 92071-4795
Phone: (619) 449-2222
Fax: (619) 449-6041

Same day will-call service:
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Mouser Central

Call:

(800) 346-6873

Monday - Friday
7AM - 9PM (CST)

2401 Highway 287 North
Mansfield, TX 76063-4827
Phone: (817) 483-4422
Fax: (817) 483-0931

Same day will-call service:
Monday - Friday 8AM - 7PM

Mouser East

Call:

(800) 346-6873

Monday - Friday
8AM - 10PM (EST)

12 Emery Ave.
Randolph, NJ 07869-1362
Phone: (201) 328-3322
Fax: (201) 328-7120

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Monday - Friday 8AM - 7PM

Mouser tiene representantes bilingües en sus centros de ventas y distribución.

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Toll - Free Sales and Service

(800) 346-6873

(800) 34-MOUSER

Educational Sales and Service: (800) 633-2246

Ordering and Customer Service anywhere in the USA, Canada, and Puerto Rico.

How To Order

Toll Free:
Answered by Sales/Service. No waiting, no menu, no voice mail.

Fax:
See page 2 for fax number of the Distribution Center nearest you.

Mail:
Send your order to the Distribution Center nearest you. (See page 2)

Order Form:
Order forms are available. Ask any MOUSER Service Representative.

Payment Options

VISA

MASTERCARD

Payment Options:
Net 30: Available to, customers in the USA, Canada, and Mexico.

Credit Cards:
All major credit cards are accepted on phone and mail orders.

C.O.D:
Company checks are accepted. Personal checks, up to $300 are accepted.

Prepaid Orders:
Company checks, personal checks, or money orders may accompany mail orders.

Same Day Credit:
We can open your NET 30 account and ship your order the same day in which your order was placed.

- All businesses with commercial checking accounts qualify for same day credit.
- All businesses listed in Dunn & Bradstreet qualify for same day credit.
- All schools and government agencies qualify for same day credit.
- If you wish to establish a NET 30 account in advance, call, fax or mail your credit information to:

Mouser Electronics National Credit Office
P.O. Box 714, Mansfield, Tx 76063-0714
(800) 333-9924 Fax: (817) 483-9384

AMER.EXPRESS

AMER.EX. CORP. CARD

DISCOVER

DINERS CLUB

Ordering Options

Who Can Order:
Businesses, schools, agencies, and individuals.

All Orders Ship Same Day:
Mouser Ships Quick! If for some reason your phone order does not ship on the same day as placed, you will be notified.

Customer Options:
If you want anything, call, we will do our best.

No Minimum Order:
USA, Canada, and Mexico.

Export Orders:
Minimum order $100.00 per shipment. (Not including Canada & Mexico)

Scheduled Orders:
We will schedule shipments to you up to one year in advance and at guaranteed prices. Minimum order $50.00 per shipment. Each item must be ordered for release in standard pack quantities only. We give you a lower price based on the total quantity of each item ordered.

Shipping:
Your order will be shipped by the carrier of your choice. Our Distribution Centers are strategically located to ensure the fastest delivery at the lowest cost. Saturday delivery available.

Net 30, Credit Card, & COD:
Only actual shipping costs will be added to the invoice.

Prepaid USA Orders:
Total your order, then add 10% (minimum $2.00) more to cover ground shipping costs. Only actual shipping costs will be added to the invoice. Credit or refund will be issued for any overpayment. If ground shipping charges exceeds 10% Mouser pays the excess.

Non-Catalog Items:
No problem, please call.

Backorders:
We stock what we catalog. If our inventory is depleted on an item, we will backorder it and ship it as soon as it is available, unless you specify otherwise at the time your order is placed. If shipping exceeds 10% we pay the excess.

Service Options

Toll-Free Service:
Call any Mouser Service Representative Toll Free Monday through Friday. You can also mail or fax your requirement.

Returns:
Please contact a Mouser Service Representative to obtain a return authorization number. Returns are normally accepted when completed within 30 days of ship date (within 90 days, if defective).

Product Guarantee:
If a product proves to be defective it will be repaired, or replaced, immediately. We must be notified of any product defect within 90 days following ship date.

Incorrect Orders:
Our quality assurance staff inspects every order before shipment. Please notify a Mouser Service Representative of any incorrect order within 30 days of ship date. We will immediately correct any error. Corrected orders ship same day.

Liability:
There are no expressed or implied warranties. Since seller cannot control the manner or use of its products after the sale, the seller will not be responsible for any consequential or indirect damages. Products sold by Mouser Electronics are not for use in human implantable devices or life support systems.

Mouser Service:
Fast courteous service - One Call Can Do it All!! It's Toll Free (800) 346-6873.

WEST PENN WIRE/**CDT**
CABLE DESIGN TECHNOLOGIES

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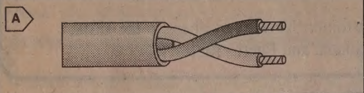

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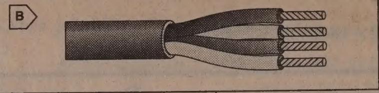

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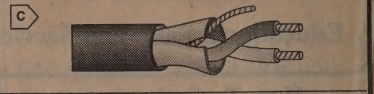

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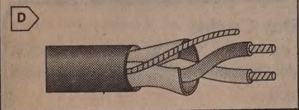

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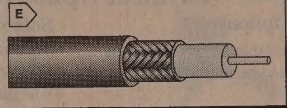

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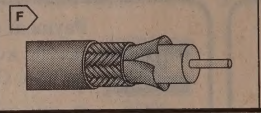

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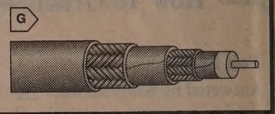


SOUND, AUDIO, BROADCAST, AND CONTROL CABLE

Unshielded Sound and Speaker Cable

Non-Plenum Cable:
- Bare copper
- Gray PVC jacket
- PVC insulation

Plenum Cable:
- Bare copper
- Ivory plenum jacket
- Halar® insulation

								100' Spools		500' Spools		1000' Spools	
West Penn Type	Fig.	NEC Type	Cable Type	No. of Cond.	AWG	Strand	Nom. O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
224	A	CM	Non-plenum	2	18	7 x 26	.165	522-224-100	21.93	522-224-500	80.41	522-224-1000	146.20
25224	A	CMP	Plenum	2	18	7 x 26	.138	522-25224B-100	28.95	522-25224B-500	106.15	522-25224B-1000	193.00
225	A	CM	Non-plenum	2	16	19 x 29	.199	522-225-100	29.79	522-225-500	109.27	522-225-1000	198.68
25225	A	CMP	Plenum	2	16	19 x 29	.159	522-25225B-100	41.85	522-25225B-500	153.95	522-25225B-1000	279.00
226	A	CL3	Non-plenum	2	14	19 x 27	.244	522-226-100	43.59	522-226-500	159.78	522-226-1000	290.50
25226	A	CL2P	Plenum	2	14	19 x 27	.190	522-25226B-100	60.00	522-25226B-500	222.22	522-25226B-1000	404.00
227	A	CL3	Non-plenum	2	12	19 x 25	.279	522-227-100	59.04	522-227-500	216.48	522-227-1000	393.60
244	B	CM	Non-plenum	4	18	7 x 26	.201	522-244-100	38.25	522-244-500	140.20	522-244-1000	254.90
245	B	CM	Non-plenum	4	16	19 x 29	.232	522-245-100	57.63	522-245-500	211.31	522-245-1000	384.20
246	B	CL3	Non-plenum	4	14	19 x 27	.302	522-246-100	80.10	522-246-500	293.70	522-246-1000	534.00

Shielded Twisted Pair Cable

Non-Plenum Cable:
- Tinned copper
- Aluminum polyester shield
- PVC insulation
- Gray PVC jacket

Plenum Cable:
- Bare copper
- Aluminum polyester shield
- Halar® insulation
- Ivory plenum jacket

								100' Spools		500' Spools		1000' Spools	
291	C	CM	Non-plenum	2	22	7 x 30	.141	522-291-100	18.57	522-291-500	68.04	522-291-1000	123.70
25291	C	CMP	Plenum	2	22	7 x 30	.128	522-25291B-100	21.90	522-25291B-500	80.30	522-25291B-1000	146.00
292	C	CM	Non-plenum	2	20	7 x 28	.152	522-292-100	23.07	522-292-500	84.54	522-292-1000	153.70
25292	C	CMP	Plenum	2	20	7 x 28	.143	522-25292-B-100	27.75	522-25292B-500	101.75	522-25292B-1000	185.00
293	C	CM	Non-plenum	2	18	7 x 26	.169	522-293-100	30.93	522-293-500	113.40	522-293-1000	206.18
25293	C	CMP	Plenum	2	18	7 x 26	.158	522-25293B-100	34.50	522-25293B-500	126.50	522-25293B-1000	230.00

Shielded Miniature Audio Cable

- Tinned copper
- Aluminum polyester shield
- Polypropylene insulation
- Black PVC jacket

								100' Spools		500' Spools		1000' Spools	
West Penn Type	Fig.	NEC Type	Cable Type	No. of Cond.	AWG	Strand	Nom. O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
452	D	CM	Non-plenum	2	22	7 x 30	.135	522-452-100	18.00	522-452-500	65.98	522-452-1000	119.96

COAXIAL CABLES

CCTV Closed Circuit TV Cable

- Black PVC jacket

										100' Spools		500' Spools		1000' Spools	
West Penn Type	Fig.	NEC Type	RG Type	Cable Type	Shield Type %	AWG	Strand	Nom. O.D. (In.)	Nom. Imp.	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
815	E	CL2	RG59/U	Non-plenum	Bare copper braid 95%	20	Solid	.232	75	522-815-100	32.22	522-815-500	118.14	522-815-1000	214.80
806	E	CL2	RG 6/U	Non-plenum	Bare copper braid 95%	18	Solid	.270	75	522-806-100	39.45	522-806-500	144.60	522-806-1000	262.90

CATV/MATV Master Antenna TV Cable

- Black PVC jacket

									100' Spools		500' Spools		1000' Spools	
West Penn Type	Fig.	NEC Type	RG Type	Cable Type	Shield Type %	AWG	Strand	Nom. O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spoo
843	F	CATV	RG59/U	Non-plenum	BiFoil 100% plus alum. braid 65%	20	Solid	.232	522-843-100	19.98	522-843-500	73.21	522-843-1000	133.10
841	F	CATV	RG 6/U	Non-plenum	BiFoil 100% plus alum. braid 65%	18	Solid	.254	522-841-100	21.36	522-841-500	78.34	522-841-1000	142.44

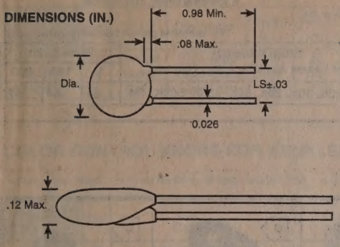
CATV/MATV Master Antenna TV Cable with Quad Shield

- Black PVC jacket

									100' Spools		500' Spools		1000' Spools	
Q843	G	CATV	RG59/U	Non-plenum	BiFoil 100% plus alum. braid 65%	20	Solid	.250	522-Q843-100	26.70	522-Q843-500	97.90	522-Q843-1000	178.00
Q841	G	CATV	RG 6/U	Non-plenum	BiFoil 100% plus alum. braid 55%	18	Solid	.283	522-Q841-100	32.34	522-Q841-500	118.55	522-Q841-1000	215.54

XICON Ceramic Disc Capacitors

EIA CLASS 1 TEMPERATURE COMPENSATING CAPACITORS



Capacitance:

- Test frequency: 1MHz ± 100KHz for ≤100pF
  1KHz ± 100Hz for ≥ 1000pF
- Test voltage: shall not exceed 1 ± 0.2 Vrms
- Test temperature: 25° ± 2°C

Dielectric Withstanding Voltage:

- Withstand, for not less than 1 second, a DC test voltage of 2.5 times rated working voltage

Insulation Resistance:

- 1000MΩ min, shall be measured 1 minute after rated voltage

6000 Volt 10% SL

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD602S9-100K	10	.24	.37	.45	.30	.25
140-CD602S9-220K	22	.24	.37	.45	.30	.25
140-CD602S9-330K	33	.24	.37	.45	.30	.25
140-CD602S9-470K	47	.28	.37	.53	.35	.29
140-CD602S9-101K	100	.35	.37	.84	.56	.47

10000 Volt 10% SL

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD103S9-101K	100	.43	.37	1.70	1.13	.94

EIA CLASS 2 BY-PASS AND COUPLING CAPACITORS

Capacitance:

- Test frequency: 1KHz
- Test voltage: 1 ± 0.2 Vrms
- Test temperature: 25° ± 2°C

Insulation Resistance:

- 7500MΩ min, shall be measured 1 minute after rated voltage

Dielectric Withstanding Voltage:

- Withstand, for not less than 1 second, a DC test voltage of 2.5 times rated working voltage

Dissipation Factor:

- Shall not be greater than 2.5%

3000 Volt 10% Y5P

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD302P9-101K	100	.28	.37	.38	.32	.29
140-CD302P9-271K	270	.28	.37	.38	.32	.29
140-CD302P9-331K	330	.28	.37	.38	.32	.29
140-CD302P9-471K	470	.32	.37	.38	.32	.29
140-CD302P9-681K	680	.35	.37	.38	.32	.29

3000 Volt 20% Z5U

140-CD302U9-102M	1000	.32	.37	.30	.25	.23
140-CD302U9-152M	1500	.35	.37	.38	.32	.29
140-CD302U9-222M	2200	.39	.37	.48	.40	.36
140-CD302U9-472M	4700	.47	.37	.82	.68	.62
140-CD302U9-502M	5000	.63	.37	.82	.68	.62
140-CD302U9-103M	.01	.79	.37	1.42	1.18	1.07

6000 Volt 10% Y5P

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD602P9-221K	220	.32	.37	.44	.29	.24
140-CD602P9-471K	470	.40	.37	.62	.41	.34
140-CD602P9-561K	560	.40	.37	.62	.41	.34

6000 Volt 20% Z5U

140-CD602U9-102M	1000	.47	.37	.53	.35	.29
140-CD602U9-222M	2200	.71	.37	.90	.60	.50
140-CD602U9-332M	3300	.79	.37	1.53	1.02	.85

10000 Volt 20% Z5U

140-CD103U9-501M	500	.63	.37	1.05	.70	.58
140-CD103U9-102M	1000	.63	.37	1.05	.70	.58
140-CD103U9-252M	2500	.83	.37	2.34	1.56	1.30

EIA CLASS 3 BARRIER CAPACITORS

Capacitance:

- Test frequency: 1KHz @ 25°±2°C
- Test voltage: not greater than 0.1 Vrms

Dissipation Factor:

- At 3VDC: shall not exceed 5%
- Above 3VDC: shall not exceed 8%

50 Volt 20% Y5U

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD50U5-103M	.01	.20	.20	.18	.12	.10
140-CD50U5-223M	.022	.20	.20	.18	.12	.10
140-CD50U5-333M	.033	.24	.26	.18	.12	.10
140-CD50U5-473M	.047	.24	.28	.20	.13	.11
140-CD50U9-503M	.05	.52	.38	.20	.13	.11
140-CD50U5-104M	.1	.32	.28	.20	.13	.11

50 Volt 20% Y5V

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD50V5-103M	.01	.20	.24	.20	.13	.11
140-CD50V5-223M	.022	.20	.26	.18	.12	.10
140-CD50V5-333M	.033	.24	.26	.18	.12	.10
140-CD50V5-473M	.047	.24	.28	.20	.13	.11
140-CD50V5-104M	.1	.32	.28	.20	.13	.11
140-CD50V5-224M	.22	.40	.35	.33	.22	.18

100 Volt 20% Y5U

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD100U5-103M	.01	.20	.20	.23	.15	.14
140-CD100U5-223M	.022	.20	.20	.27	.18	.15
140-CD100U5-333M	.033	.20	.20	.27	.18	.15
140-CD100U5-473M	.047	.24	.20	.30	.20	.17
140-CD100U5-104M	.1	.32	.20	.30	.20	.17

100 Volt 20% Y5V

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD100V5-103M	.01	.20	.20	.26	.17	.14
140-CD100V5-223M	.022	.20	.20	.27	.18	.15
140-CD100V5-333M	.033	.20	.20	.27	.18	.15
140-CD100V5-473M	.047	.20	.20	.30	.20	.17
140-CD100V5-104M	:1	.24	.20	.30	.20	.17

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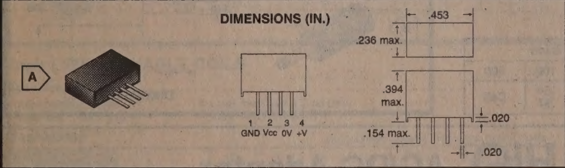
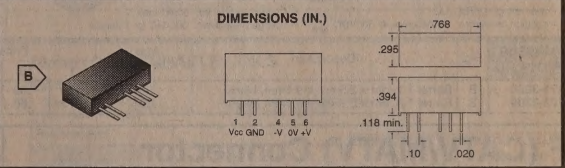
newport technology DC-DC Converters





1W SINGLE OUTPUT NME SERIES

A range of sub-miniature, high-efficiency, isolated DC-DC converters that requires only 0.118 sq. in. of board space. No heat sinks are needed for the rated performance.

Specifications:

- Input/output isolation: 1000VDC
- Input voltage range: ±10%
- Input reflected noise: 100mV p-p max.
- Output ripple and noise: 150mV p-p max.
- Efficiency at full load:
  5V output type - 70% typical 65% min.
  12V and 15V output type - 75% typical 70% min.

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Output Current (mA)	Price Each			
					1	25	50	100
580-NME0505S	A	5	5	200	17.81	15.14	13.16	Call For Quote
580-NME0512S	A	5	12	84	17.81	15.14	13.16	
580-NME0515S	A	5	15	67	17.81	15.14	13.16	
580-NME1205S	A	12	5	200	17.81	15.14	13.16	
580-NME1212S	A	12	12	84	17.81	15.14	13.16	
580-NME1215S	A	12	15	67	17.81	15.14	13.16	

2W DUAL OUTPUT NMH SERIES

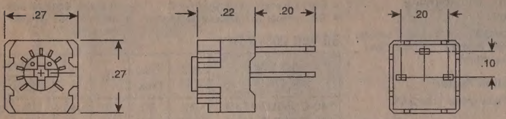
Miniature high-efficiency isolated DC-DC converter that requires .233 sq. in. of board space. No heat sink is required for the rated performance. If required, all of the delivered power of 2W may be drawn from a single output pin.

Specifications:

- Input/output isolation: 1000VDC
- Input voltage range: ±10%
- Input reflected noise: 100mV p-p max.
- Output ripple and noise: 150mV p-p max.
- Load voltage regulation: ±10%
- Efficiency at full load:
  5V output type - 65% min.
  12V and 15V output type - 70% min.

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Output Current (mA)	Price Each			
					1	25	50	100
580-NMH0505S	B	5	±5	200	24.85	21.12	18.37	Call For Quote
580-NMH0512S	B	5	±12	83	24.85	21.12	18.37	
580-NMH0515S	B	5	±15	67	24.85	21.12	18.37	
580-NMH1205S	B	12	±5	200	24.85	21.12	18.37	
580-NMH1212S	B	12	±12	83	24.85	21.12	18.37	
580-NMH1215S	B	12	±15	67	24.85	21.12	18.37	

BI technologies CORPORATION 1/4" Square Sealed Cermet Trimmer Potentiometers



Specifications:

- Tolerance: ±20% (±10% available)
- Power rating: 0.5 watts @ 70°C derating to 0W @ 125°C
- Temperature coefficient, (max.): ±100ppm/°C >200Ω=±250ppm/°C
- Contact resistance variation, (max.) 1% or 1Ω, whichever is greater
- Operating temperature range: -55°C to +125°
- Single turn
- Rotational life: 100 cycles
- Electrical travel: 210° nominal

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Stock Value (Ω) Other Values Available Upon Request	Price Each		
			1	100	200
569-25PR-Value	A	500, 1K, 5K, 10K, 20K, 50K, 100K, 500K, 1M	.83	.64	.57

DC Power Jacks

Chassis / Panel Mount

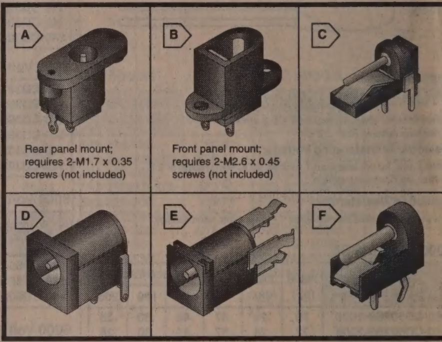
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Mating Plg. O.D. (mm)	Center Pin		Price Each		
				D (mm)	L (mm)	1	10	100
163-5006	A	2.1mm molded chassis mount with NC switch	5.5mm	2.0	8.0	.99	.77	.70
163-5005	A	2.5mm molded chassis mount with NC switch	5.5mm	2.35	8.0	.99	.77	.70
163-5007	B	2.5mm molded chassis mount with NC switch	5.5mm	2.35	7.2	.71	.51	.46

PC Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Mating Plg. O.D. (mm)	Center Pin		Price Each		
				D (mm)	L (mm)	1	10	100
163-5008	C	1.3mm open frame with PC pins & NC switch	3.4mm	1.25	5.5	.73	.52	.48
163-5004	D	2.1mm molded with PC pins and NC switch	5.5mm	2.0	8.0	.63	.42	.38
163-5013	E	2.1mm molded with snap mount PC pins and NC switch	5.5mm	2.0	8.0	.64	.43	.38
163-5010	F	2.1mm open frame with snap mount PC pins and NC switch	5.5mm	2.0	8.0	.73	.48	.44
163-5003	D	2.5mm molded with PC pins and NC switch	5.5mm	2.35	8.0	.64	.45	.41
163-5012	E	2.5mm molded with snap mount PC pins and NC switch	5.5mm	2.35	8.0	.64	.43	.38
163-5011	F	2.5mm open frame with snap mount PC pins and NC switch	5.5mm	2.35	8.0	.73	.48	.44



Rear panel mount; requires 2-M1.7 x 0.35 screws (not included)

Front panel mount; requires 2-M2.6 x 0.45 screws (not included)

DC Power Jacks and Plugs

DC POWER JACKS

Specifications:

- Power rating: 12VDC 1A
- Insulation resistance: 100MΩ @ 500VDC
- Contact resistance: 50mΩ max.
- Voltage breakdown: 500VAC for 1 minute

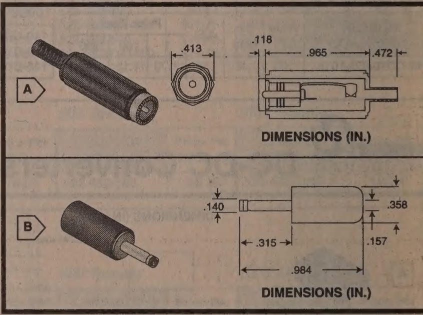
MOUSER STOCK NO.	Fig.	Description	Max. Cable O.D.	Center Pin		Price Each			
				Dia. (mm)	Lth. (mm)	1	10	100	500
163-0300	A	2.1mm, in-line DC jack	.16	2.0	7.5	1.58	1.32	1.20	Call
163-0301	A	2.5mm, in-line DC jack	.16	2.35	7.5	1.58	1.32	1.20	

LOCKING DC POWER PLUGS

Specifications:

- Power rating: 12VDC 1A
- Insulation resistance: 100MΩ min. @ 500VDC
- Contact resistance: 50mΩ max.
- Voltage breakdown: 500VAC for 1 minute

MOUSER STOCK NO.	Fig.	Description	Max. Cable O.D.	Price Each			
				1	10	100	500
171-3230	B	Barrel 1.1 mm x 3.5mm x 9.1mm, black	.358	.76	.60	.54	Call
171-3209	B	Barrel 1.3 mm x 3.5mm x 9.1mm, black	.358	.76	.60	.54	



DIMENSIONS (IN.)

DIMENSIONS (IN.)

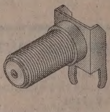
F (CATV/MATV) Connector

PC MOUNT

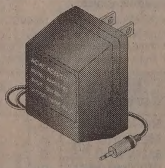
MOUSER STOCK NO.	Price Each			
	1	10	100	500
161-5372	1.39	1.20	1.09	.99

Features:

- PCB snap mount terminals
- Right angle



AC/AC Adaptor



Features:

- 72 inch output cord with molded termination
- Plugs into standard 115V outlet

MOUSER STOCK NO.	Output Rating	Dimensions (In.)			Output Plug	Price Each		
		H	W	D		1	10	50
41AC415	15VAC / 400mA	2.76	1.97	1.57	2.5mm male	4.99	3.99	3.39

HiQ™ AC/DC Adaptor with Lighter Socket

Features:

- 72" output cord
- Plugs into standard 115V outlet
- UL / CSA Approved

MOUSER STOCK NO.	Output Rating	Dimensions (In.)			Output Plug	Price Each		
		H	W	D		1	10	50
412-1250	12VDC / 500mA	2.50	2.09	1.67	Lighter socket	9.44	7.85	7.1

EAGLE Knobs

COLOR SLIDE CONTROL KNOBS

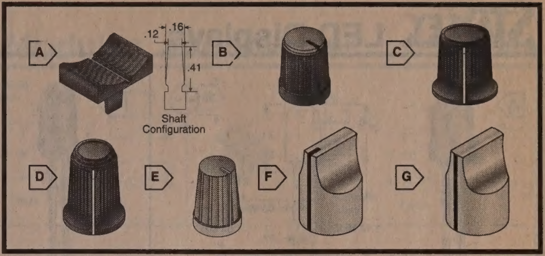
- Fits Mouser 312-9000, 9100, and 9302 series slide potentiometers.

MOUSER STOCK NO.	Fig.	Color	Description	Width (In.)	Height (In.)	Length (In.)	Price Each 1	10	100	500
450-3050	A	Orange	Slide knob	.68	.63	.79	.49	.33	.30	Call For Quote
450-3051	A	Black	Slide knob	.68	.63	.79	.49	.33	.30	
450-3052	A	Gray	Slide knob	.68	.63	.79	.49	.33	.30	

COLOR CONTROL KNOBS FOR KNURLED SHAFTS

- Knob color: black
- Knob fits 6mm, 18 tooth knurled shaft
- Diameter measured at knob base

MOUSER STOCK NO.	Fig.	Cap Color	Shaft Hole (In.)	Dia. (In.)	H (In.)	Price Each 1	10	100	500
450-3021	B	Red w/black indicator	.238	.52	.65	.54	.36	.33	Call For Quote
450-3022	B	Yellow w/black indicator	.238	.52	.65	.54	.36	.33	
450-3023	B	Blue w/black indicator	.238	.52	.65	.54	.36	.33	
450-3024	B	Green w/black indicator	.238	.52	.65	.54	.36	.33	
450-3031	C	Red w/white indicator	.238	.63	.59	.54	.36	.33	
450-3032	C	Yellow w/white indicator	.238	.63	.59	.54	.36	.33	
450-3033	C	Blue w/white indicator	.238	.63	.59	.54	.36	.33	
450-3034	C	Green w/white indicator	.238	.63	.59	.54	.36	.33	
450-3012	D	Yellow w/white indicator	.238	.68	.87	.60	.40	.36	Call For Quote
450-3013	D	Blue w/white indicator	.238	.68	.87	.60	.40	.36	
450-3014	D	Green w/white indicator	.238	.68	.87	.60	.40	.36	
450-3015	D	Red w/white indicator	.238	.68	.87	.60	.40	.36	



SOFT TOUCH KNOBS

Plastic shell covered by a thick rubber finish

- Knurled shaft
- Knob fits 6mm, 18 tooth knurled shaft
- Diameter measured at knob base

MOUSER STOCK NO.	Fig.	Knob Color	Shaft Hole (In.)	Dia. (In.)	H (In.)	Price Each 1	10	100	500
450-4010	E	Gray w/white indicator	.238	.51	.71	.60	.40	.36	Call
450-4011	E	Black w/white indicator	.238	.51	.71	.60	.40	.36	

SOLID MACHINED ALUMINUM KNOB WITH HEX SET SCREW

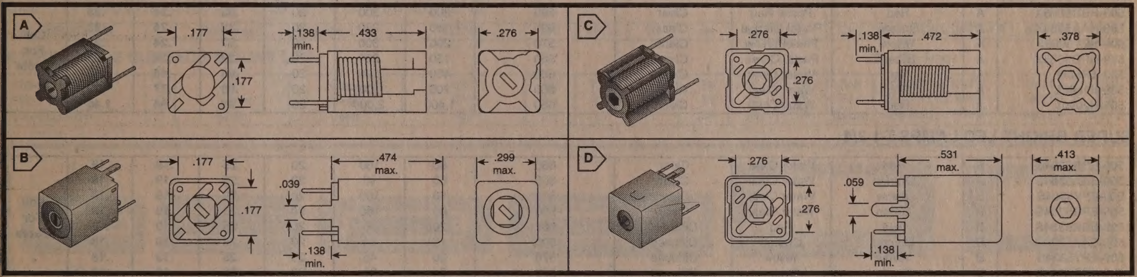
- Knob fits .25" shafts

MOUSER STOCK NO.	Fig.	Description	Dia. (In.)	H (In.)	Price Each 1	10	100	500
450-3000	F	Aluminum control knob	1.00	1.00	6.23	5.19	4.72	Call
450-3001	G	Aluminum control knob	.87	.98	7.11	6.46	5.87	

HiQ™ Tunable RF Coils

Features:

- One piece molded plastic
- Threaded cores for fine tuning
- Available with or without metal shield can



7mm (.276") TUNABLE COILS

Specifications:

- Core material: ferrite
- Core size: .126 x .236
- L min measured with no core
- Wire: AWG #24 S.P.

Unshielded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	L (min.) µH	L (nom.) µH	L (max.) µH	Q (min.)	Test Freq (MHz)	Price Each 1	100	500
434-0712-1.5C	A	Brown	.035	.037	.039	70	50	.44	.29	.26
434-0712-2.5C	A	Red	.064	.072	.080	55	50	.44	.29	.26
434-0712-3.5C	A	Orange	.085	.095	.100	80	50	.44	.29	.26
434-0712-4.5C	A	Yellow	.119	.133	.146	60	25.2	.44	.29	.26
434-0712-5.5C	A	Green	.153	.170	.187	65	25.2	.44	.29	.26
434-0712-6.5C	A	Blue	.198	.220	.240	60	25.2	.44	.29	.26
434-0712-8.5C	A	Gray	.270	.300	.330	55	25.2	.44	.29	.26
434-0712-10.5C	A	Black	.432	.480	.528	60	25.2	.44	.29	.26

Shielded

For quantities greater than listed, call for quote.

434-0712-1.5CS	B	Brown	.032	.034	.035	55	50	.60	.40	.37
434-0712-2.5CS	B	Red	.048	.054	.059	60	50	.60	.40	.37
434-0712-3.5CS	B	Orange	.065	.072	.079	60	50	.60	.40	.37
434-0712-4.5CS	B	Yellow	.090	.100	.109	45	25.2	.60	.40	.37
434-0712-5.5CS	B	Green	.109	.122	.132	45	25.2	.60	.40	.37
434-0712-6.5CS	B	Blue	.130	.145	.159	50	25.2	.60	.40	.37
434-0712-8.5CS	B	Gray	.171	.190	.209	45	25.2	.60	.40	.37
434-0712-10.5CS	B	Black	.270	.300	.330	50	25.2	.60	.40	.37

10mm (.394") TUNABLE COILS

Specifications:

- Core material: carbonyl J
- Core size: .18 x .236
- L min measured with no core
- Wire: AWG #22 S.P.

Unshielded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	L (min.) µH	L (nom.) µH	L (max.) µH	Q (min.)	Test Freq (MHz)	Price Each 1	100	500
434-1012-1.5C	C	Brown	.041	.042	.044	65	50	.44	.29	.26
434-1012-2.5C	C	Red	.070	.078	.085	90	50	.44	.29	.26
434-1012-3.5C	C	Orange	.108	.120	.132	80	50	.44	.29	.26
434-1012-4.5C	C	Yellow	.144	.160	.176	80	25.2	.44	.29	.26
434-1012-5.5C	C	Green	.172	.192	.211	90	25.2	.44	.29	.26
434-1012-6.5C	C	Blue	.230	.260	.286	80	25.2	.44	.29	.26
434-1012-8.5C	C	Gray	.333	.370	.407	95	25.2	.44	.29	.26
434-1012-10.5C	C	Black	.450	.500	.550	115	25.2	.44	.29	.26

Shielded

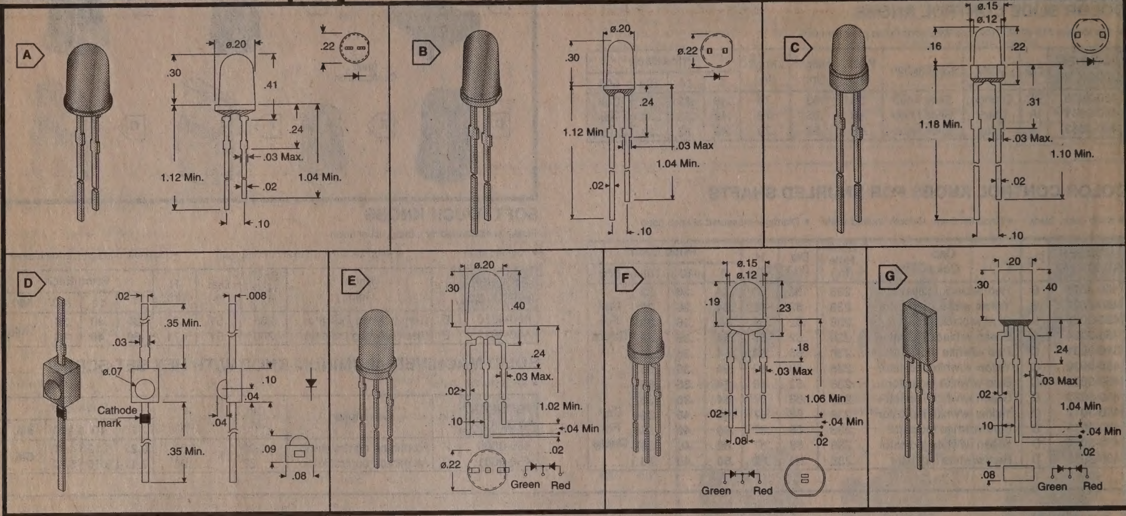
For quantities greater than listed, call for quote.

434-1012-1.5CS	D	Brown	.038	.039	.040	55	50	.60	.40	.37
434-1012-2.5CS	D	Red	.059	.065	.070	80	50	.60	.40	.37
434-1012-3.5CS	D	Orange	.085	.094	.100	60	50	.60	.40	.37
434-1012-4.5CS	D	Yellow	.112	.124	.136	60	25.2	.60	.40	.37
434-1012-5.5CS	D	Green	.135	.150	.165	80	25.2	.60	.40	.37
434-1012-6.5CS	D	Blue	.169	.188	.206	60	25.2	.60	.40	.37
434-1012-8.5CS	D	Gray	.243	.270	.297	65	25.2	.60	.40	.37
434-1012-10.5CS	D	Black	.297	.330	.363	65	25.2	.60	.40	.37

Coming Soon: Please contact your sales representative for availability on these products.

STANLEY LED Displays

DIMENSIONS (IN.)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Green
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HI-SUPER BRIGHT LED LAMPS T-1 3/4

MOUSER STOCK NO.	Fig.	Emitted Color	Lens		Peak Wavelength λp (nm)	Luminous Intensity Iv			Price Each			
						Min.	Typ.	I_F (mA)	1	200	400	1000
509-HBR5066X	A	Red	Pastel Red	Clear	660	200	300	20	.32	.24	.23	Call For Quote
509-HAA5066X	A	Orange	Pastel Orange	Clear	605	160	250	20	.32	.24	.23	
509-HPY5066X	A	Yellow	Pastel Yellow	Clear	570	200	300	20	.32	.24	.23	
509-HPG5066X	A	Green	Pastel Green	Clear	560	150	200	20	.32	.24	.23	
509-ER500L	A	Red	Water Clear	Clear	660	400	500	20	.63	.48	.46	
509-H1000L	A	Red	Water Clear	Clear	660	700	1,000	20	.99	.77	.73	
509-H2000L	A	Red	Water Clear	Clear	660	1,400	2,000	20	1.99	1.54	1.46	

SUPER BRIGHT LED LAMPS T-1 3/4

509-EBR5304S	B	Red	Water Clear	Clear	660	80	160	20	.25	.19	.18	Call For Quote
509-EAA5304S	B	Orange	Water Clear	Clear	605	60	90	20	.25	.19	.18	
509-EPY5304S	B	Yellow	Water Clear	Clear	570	80	160	20	.25	.19	.18	
509-EPG5304S	B	Green	Water Clear	Clear	560	80	160	20	.25	.19	.18	
509-EBR5334S	B	Red	Red	Diffused	660	20	30	20	.25	.19	.18	
509-EAA5334S	B	Orange	Orange	Diffused	605	16	24	20	.25	.19	.18	
509-EPY5334S	B	Yellow	Yellow	Diffused	570	30	45	20	.25	.19	.18	
509-EPG5334S	B	Green	Green	Diffused	560	24	36	20	.25	.19	.18	

SUPER BRIGHT LED LAMPS T-1

509-EBR3338S	C	Red	Pastel Red	Diffused	660	30	45	20	.25	.19	.18	Call For Quote
509-EMAA3338S	C	Orange	Pastel Orange	Diffused	605	20	30	20	.25	.19	.18	
509-EMPY3338S	C	Yellow	Pastel Yellow	Diffused	570	30	45	20	.25	.19	.18	
509-EMPG3338S	C	Green	Pastel Green	Diffused	560	20	30	20	.25	.19	.18	
509-EBR3368S	C	Red	Pastel Red	Clear	660	80	140	20	.25	.19	.18	
509-EMAA3368S	C	Orange	Pastel Orange	Clear	605	40	60	20	.25	.19	.18	
509-EMPY3368S	C	Yellow	Pastel Yellow	Clear	570	60	90	20	.25	.19	.18	
509-EMPG3368S	C	Green	Pastel Green	Clear	560	40	60	20	.25	.19	.18	

T-3/4 SUBMINIATURE LED LAMPS

MOUSER STOCK NO.	Fig.	Emitted Color	Lens		Peak Wavelength λp (nm)	Luminous Intensity Iv			Price Each			
						Min.	Typ.	I_F (mA)	1	200	400	1000
509-BR2262S	D	Red	Pastel Red	Clear	660	10	20	20	.19	.14	.13	Call For Quote
509-MPY2262S	D	Yellow	Pastel Yellow	Clear	570	12	24	20	.19	.14	.13	
509-MPG2262S	D	Green	Pastel Green	Clear	560	8	16	20	.19	.14	.13	

BI-COLOR LED LAMPS

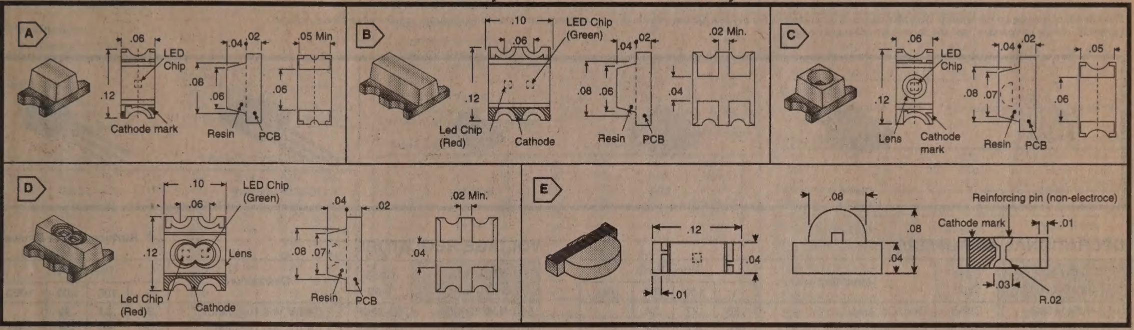
MOUSER STOCK NO.	Fig.	Emitted Color	Lens		Peak Wavelength λp (nm)	Luminous Intensity Iv			Price Each			
						Min.	Typ.	I_F (mA)	1	200	400	1000
509-VRPG5614S	E	Red/Green	Milky White	Diffused	630/560	15	30	20	.29	.23	.22	Call For Quote
509-VRPG3312X	F	Red/Green	Milky White	Diffused	630/560	4/6	8/12	20	.29	.23	.22	
509-VRPG5641K	G	Red/Green	Milky White	Surface Diffused	630/560	2	4	20	.29	.23	.22	

Coming Soon:

Please contact your sales representative for availability on these products.

STANLEY Surface Mount LED's, LCD Modules, and Inverter

DIMENSIONS (IN.)



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Reinforcing pin (non-electroce)
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CHIP TYPE SURFACE MOUNT LED FLAT LENS

By the Reel

MOUSER STOCK NO.	Fig.	Emitted Color	Lens	Peak Wavelength λp (nm)	Luminous Intensity Iv			Price Each				MOUSER STOCK NO.	Price Per Reel	
					Min.	Typ.	I_F (mA)	1	100	500	1000		1	5
509-BR1101W	A	Red	Water Clear	660	1.6	4.5	20	.28	.24	.20	Call	509-BR1101W-TR	422.50	Call
509-PY1101W	A	Yellow	Water Clear	570	1.4	4	20	.26	.23	.19	For	509-PY1101W-TR	397.50	For
509-PG1101W	A	Green	Water Clear	560	1.2	3	20	.26	.23	.19	Quote	509-PG1101W-TR	397.50	Quote

CHIP TYPE SURFACE MOUNT LED BI-COLOR FLAT LENS

509-BRPG1201W	B	Red/Green	Water Clear	660/560	1.6/1.2	4.5/3	20	.45	.39	.33	Call	509-BRPG1201W-TR	685.00	Call

CHIP TYPE SURFACE MOUNT LED INNER LENS

509-BR1102W	C	Red	Water Clear	660	6	17	20	.28	.24	.20	Call	509-BR1102W-TR	462.50	Call
509-PY1102W	C	Yellow	Water Clear	570	6	12	20	.26	.23	.19	For	509-PY1102W-TR	397.50	For
509-PG1102W	C	Green	Water Clear	560	3	7.5	20	.26	.23	.19	Quote	509-PG1102W-TR	397.50	Quote

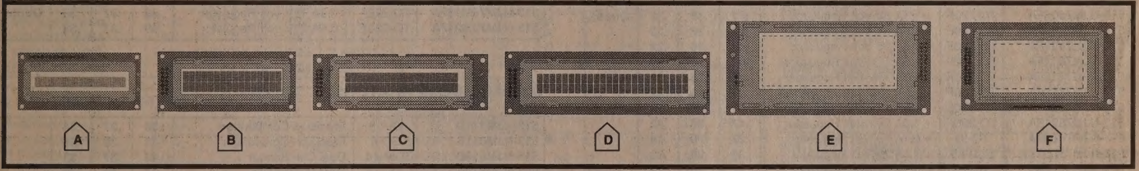
CHIP TYPE SURFACE MOUNT LED BI-COLOR INNER LENS

509-BRPG1204W	D	Red/Green	Water Clear	660/560	6/3	17/7.5	20	.44	.38	.33	Call	509-BRPG1204W-TR	672.50	Call

RIGHT ANGLE SURFACE MOUNT LED

By the Reel

509-BR1101F	E	Red	Clear	660	6.2	12.4	20	.36	.32	.26	Call	509-BR1101F-TR	663.00	Call
509-PY1101F	E	Yellow	Clear	570	4.4	8.8	20	.36	.32	.26	For	509-PY1101F-TR	663.00	For
509-PG1101F	E	Green	Clear	560	2.6	5.2	20	.36	.32	.26	Quote	509-PG1101F-TR	663.00	Quote



GMD SERIES LCD MODULES (TN)

- One character (with cursor) consists of 5 x 8 dots
- Microprocessor compatible data bus interface
- Driven by a DC 5V power supply
- Built-in control LSI

MOUSER STOCK NO.	Fig.	Format Character x Ln.	Module Size (In.)	Viewing Area (In.)	Character Size (In.)	Dot Pitch (In.)	Price Each			
							1	10	25	50
509-GMD1610F	A	16 x 1	3.15 x 1.42 x .42	2.54 x .54	.12 x .23	.026 x .033	15.92	14.93	14.43	Call For Quote
509-GMD1620A	B	16 x 2	3.35 x 1.42 x .41	2.5 x .62	.13 x .19	.026 x .028	19.10	17.91	17.31	
509-GMD2020A	C	20 x 2	4.53 x 1.42 x .41	3.27 x .73	.13 x .19	.026 x .028	24.69	23.15	22.37	
509-GMD2420A	D	24 x 2	4.65 x 1.42 x .41	3.68 x .62	13 x .19	.026 x .028	28.46	26.69	25.79	

GMD SERIES LCD MODULES (TN) WITH LED BACKLIGHTING

509-GMD1610FLY	A	16 x 1	3.15 x 1.42 x .59	2.54 x .54	.12 x .23	.026 x .033	21.45	20.12	19.44	Call
509-GMD1620ALY	B	16 x 2	3.35 x 1.42 x .59	2.5 x .62	.13 x .19	.026 x .028	26.75	25.08	24.24	For
509-GMD2020ALY	C	20 x 2	4.53 x 1.42 x .63	3.27 x .73	.13 x .19	.026 x .028	32.89	30.83	29.80	Quote

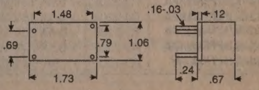
GMD SERIES LCD GRAPHICS MODULES

- STN type LCDs are used for all models
- Compact size, lightweight, and low power consumption
- Built-in control LSI

MOUSER STOCK NO.	Fig.	Number Of Dots	Module Size (In.)	Viewing Area (In.)	Dot Size (In.)	Backlighting Source	Price Each			
							1	5	10	25
509-GMF12048BBTW	E	128 x 48	5.20 x 2.36 x .75	3.54 x 1.42	.025 x .025	CFL	99.99	94.30	91.16	Call
509-GMF12064BSLY	F	128 x 64	4.45 x 2.56 x .51	2.89 x 1.53	.019 x .019	LED	89.45	83.85	81.05	

INVERTER FOR CFL BACKLIGHTING

MOUSER STOCK NO.	Input Voltage (V)	Load Current (mA)	LCD Modules	Price Each			
				1	10	25	50
509-120606A	12	250	GMF12048BBTW	8.69	8.15	7.89	Call

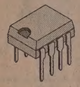


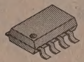
1.48
.69
.79
1.06
1.73
.16-.03
.12
.24
.67

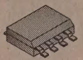
Coming Soon: Please contact your sales representative for availability on these products.

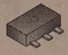
JRC (New Japan Radio) Linear Integrated Circuits

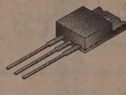
This offering of New Japan Radio linear integrated circuits gives customers the devices that they require at a competitive price. This offering includes operational amplifiers, voltage regulators, voltage comparators, and special function integrated circuits.

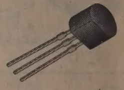

DIP-8


DMP-8


SO-8


SOT-89


TO-220F (Isolated)


TO-92

◆ Surface Mount Devices

OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Case Type	Description	Price Each			
			1	100	500	1000
513-NJM1458D	DIP-8	Dual Op Amp	.36	.27	.24	
◆ 513-NJM1458M	DMP-8	Dual Op Amp	.36	.27	.24	
513-NJM2902N	DIP-14	Quad Op Amp	.44	.34	.30	Call For Quote
◆ 513-NJM2902E	SO-14	Quad Op Amp	.49	.37	.33	
513-NJM2904D	DIP-8	Dual Op Amp	.29	.22	.20	
◆ 513-NJM2904E	SO-8	Dual Op Amp	.33	.26	.23	
513-NJM318D	DIP-8	High Speed Op Amp	.44	.34	.30	
◆ 513-NJM318E	SO-8	High Speed Op Amp	.49	.37	.33	
513-NJM324D	DIP-14	Quad Op Amp	.36	.27	.24	
◆ 513-NJM324E	SO-14	Quad Op Amp	.40	.31	.27	
513-NJM353D	DIP-8	Dual Op Amp	.53	.41	.36	
513-NJM358D	DIP-8	Dual Op Amp	.33	.26	.23	
◆ 513-NJM358E	SO-8	Dual Op Amp	.36	.27	.24	Call For Quote
513-NJM4558D	DIP-8	Dual Op Amp	.24	.19	.17	
◆ 513-NJM4558E	SO-8	Dual Op Amp	.29	.22	.20	
513-NJM5532D	DIP-8	Dual Op Amp	.56	.43	.38	
513-NJM5534D	DIP-8	Low Noise Op Amp	.44	.34	.30	
513-NJM741D	DIP-8	Single Op Amp	.31	.24	.21	
◆ 513-NJM741M	DMP-8	Single Op Amp	.36	.27	.24	

VOLTAGE REGULATORS

MOUSER STOCK NO.	Case Type	Description	Price Each			
			1	100	500	1000
513-NJM317F	TO-220F	+ Adj Volt Regulator	.62	.48	.42	
513-NJM431D	DIP-8	Adj Precision Regulator	.31	.24	.21	
◆ 513-NJM431E	SO-8	Adj Precision Regulator	.36	.27	.24	
513-NJM431L	TO-92	Adj Precision Regulator	.33	.26	.23	Call For Quote
513-NJM7805FA	TO-220F	+ 1.5A 5V Volt Regulator	.47	.36	.32	
513-NJM7806FA	TO-220F	+ 1.5A 6V Volt Regulator	.47	.36	.32	
513-NJM7808FA	TO-220F	+ 1.5A 8V Volt Regulator	.47	.36	.32	
513-NJM7809FA	TO-220F	+ 1.5A 9V Volt Regulator	.47	.36	.32	
513-NJM7812FA	TO-220F	+ 1.5A 12V Volt Regulator	.47	.36	.32	
513-NJM7815FA	TO-220F	+ 1.5A 15V Volt Regulator	.47	.36	.32	
513-NJM7818FA	TO-220F	+ 1.5A 18V Volt Regulator	.47	.36	.32	
513-NJM7820FA	TO-220F	+ 1.5A 20V Volt Regulator	.47	.36	.32	
513-NJM7824FA	TO-220F	+ 1.5A 24V Volt Regulator	.47	.36	.32	
513-NJM78L02A	TO-92	+ 0.1A 2V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L02UA	SOT-89	+ 0.1A 2V Volt Regulator	.33	.26	.23	
513-NJM78L05A	TO-92	+ 0.1A 5V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L05UA	SOT-89	+ 0.1A 5V Volt Regulator	.33	.26	.23	
513-NJM78L06A	TO-92	+ 0.1A 6V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L06UA	SOT-89	+ 0.1A 6V Volt Regulator	.33	.26	.23	Call For Quote
513-NJM78L08A	TO-92	+ 0.1A 8V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L08UA	SOT-89	+ 0.1A 8V Volt Regulator	.33	.26	.23	
513-NJM78L09A	TO-92	+ 0.1A 9V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L09UA	SOT-89	+ 0.1A 9V Volt Regulator	.33	.26	.23	
513-NJM78L12A	TO-92	+ 0.1A 12V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L12UA	SOT-89	+ 0.1A 12V Volt Regulator	.33	.26	.23	
513-NJM78L15A	TO-92	+ 0.1A 15V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L15UA	SOT-89	+ 0.1A 15V Volt Regulator	.33	.26	.23	
513-NJM78L18A	TO-92	+ 0.1A 18V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L18UA	SOT-89	+ 0.1A 18V Volt Regulator	.33	.26	.23	
513-NJM78L20A	TO-92	+ 0.1A 20V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L20UA	SOT-89	+ 0.1A 20V Volt Regulator	.33	.26	.23	
513-NJM78L24A	TO-92	+ 0.1A 24V Volt Regulator	.27	.20	.18	
◆ 513-NJM78L24UA	SOT-89	+ 0.1A 24V Volt Regulator	.33	.26	.23	
513-NJM78M05FA	TO-220F	+ 0.5A 5V Volt Regulator	.38	.29	.26	
513-NJM78M06FA	TO-220F	+ 0.5A 6V Volt Regulator	.38	.29	.26	
513-NJM78M08FA	TO-220F	+ 0.5A 8V Volt Regulator	.38	.29	.26	
513-NJM78M09FA	TO-220F	+ 0.5A 9V Volt Regulator	.38	.29	.26	Call For Quote
513-NJM78M12FA	TO-220F	+ 0.5A 12V Volt Regulator	.38	.29	.26	
513-NJM78M15FA	TO-220F	+ 0.5A 15V Volt Regulator	.38	.29	.26	
513-NJM78M18FA	TO-220F	+ 0.5A 18V Volt Regulator	.38	.29	.26	
513-NJM78M20FA	TO-220F	+ 0.5A 20V Volt Regulator	.38	.29	.26	
513-NJM78M24FA	TO-220F	+ 0.5A 24V Volt Regulator	.38	.29	.26	
513-NJM7905FA	TO-220F	- 1.5A 5V Volt Regulator	.58	.44	.39	

VOLTAGE REGLATORS

MOUSER STOCK NO.	Case Type	Description	Price Each			
			1	100	500	1000
513-NJM7906FA	TO-220F	- 1.5A 6V Volt Regulator	.58	.44	.39	
513-NJM7908FA	TO-220F	- 1.5A 8V Volt Regulator	:58	.44	.39	Call For Quote
513-NJM7909FA	TO-220F	- 1.5A 9V Volt Regulator	.58	.44	.39	
513-NJM7912FA	TO-220F	- 1.5A 12V Volt Regulator	.58	.44	.39	
513-NJM7915FA	TO-220F	- 1.5A 15V Volt Regulator	.58	.44	.39	
513-NJM7918FA	TO-220F	- 1.5A 18V Volt Regulator	.58	.44	.39	
513-NJM7924FA	TO-220F	- 1.5A 24V Volt Regulator	.58	.44	.39	
513-NJM79L05A	TO-92	- 0.1A 5V Volt Regulator	.29	.22	.20	
◆ 513-NJM79L05UA	SOT-89	- 0.1A 5V Volt Regulator	.36	.27	.24	
513-NJM79L06A	TO-92	- 0.1A 6V Volt Regulator	.29	.22	.20	
◆ 513-NJM79L06UA	SOT-89	- 0.1A 6V Volt Regulator	.36	.27	.24	
513-NJM79L08A	TO-92	- 0.1A 8V Volt Regulator	.29	.22	.20	
◆ 513-NJM79L08UA	SOT-89	- 0.1A 8V Volt Regulator	.36	.27	.24	
513-NJM79L09A	TO-92	- 0.1A 9V Volt Regulator	.29	.22	.20	Call For Quote
◆ 513-NJM79L09UA	SOT-89	- 0.1A 9V Volt Regulator	.36	.27	.24	
513-NJM79L12A	TO-92	- 0.1A 12V Volt Regulator	.29	.22	.20	
◆ 513-NJM79L12UA	SOT-89	- 0.1A 12V Volt Regulator	.36	.27	.24	
513-NJM79L15A	TO-92	- 0.1A 15V Volt Regulator	.29	.22	.20	
◆ 513-NJM79L15UA	SOT-89	- 0.1A 15V Volt Regulator	.36	.27	.24	
513-NJM79L18A	TO-92	- 0.1A 18V Volt Regulator	.29	.22	.20	
◆ 513-NJM79L18UA	SOT-89	- 0.1A 18V Volt Regulator	.36	.27	.24	
513-NJM79L24A	TO-92	- 0.1A 24V Volt Regulator	.29	.22	.20	
◆ 513-NJM79L24UA	SOT-89	- 0.1A 24V Volt Regulator	.36	.27	.24	
513-NJM79M05FA	TO-220F	- 0.5A 5V Volt Regulator	.49	.37	.33	
513-NJM79M06FA	TO-220F	- 0.5A 6V Volt Regulator	.49	.37	.33	
513-NJM79M08FA	TO-220F	- 0.5A 8V Volt Regulator	.49	.37	.33	
513-NJM79M09FA	TO-220F	- 0.5A 9V Volt Regulator	.49	.37	.33	
513-NJM79M12FA	TO-220F	- 0.5A 12V Volt Regulator	.49	.37	.33	Call For Quote
513-NJM79M15FA	TO-220F	- 0.5A 15V Volt Regulator	.49	.37	.33	
513-NJM79M18FA	TO-220F	- 0.5A 18V Volt Regulator	.49	.37	.33	
513-NJM79M24FA	TO-220F	- 0.5A 24V Volt Regulator	.49	.37	.33	

VOLTAGE COMPARATORS

513-NJM311D	DIP-8	Precision Comparator	.36	.27	.24	
◆ 513-NJM311E	SO-8	Precision Comparator	.38	.29	.26	
513-NJM319D	DIP-14	Dual Comparator	.49	.37	.33	
◆ 513-NJM319E	SO-14	Dual Comparator	.58	.44	.39	Call For Quote
513-NJM360D	DIP-8	High Speed Comparator	.31	.24	.21	
◆ 513-NJM360E	SO-8	High Speed Comparator	.36	.27	.24	
513-NJM2901N	DIP-14	Quad Comparator	.36	.27	.24	
◆ 513-NJM2901E	SO-14	Quad Comparator	.40	.31	.27	
513-NJM2903D	DIP-8	Dual Comparator	.29	.22	.20	
◆ 513-NJM2903E	SO-8	Dual Comparator	.33	.26	.23	

SPECIAL FUNCTION IC'S

513-NJM555D	DIP-8	Single Timer	.33	.26	.23	
◆ 513-NJM555E	SO-8	Single Timer	.33	.26	.23	
513-NJM556D	DIP-14	Dual Timer	.58	.44	.39	
◆ 513-NJM556M	DMP-14	Dual Timer	.58	.44	.39	
513-NJM2211D	DIP-14	FSK Demodulator/Decoder	.84	.65	.57	
◆ 513-NJM2211M	SO-14	FSK Demodulator/Decoder	.84	.65	.57	
513-NJU7660D	DIP-8	Voltage Converter	.78	.60	.53	Call For Quote
513-NJU7662D	DIP-8	Voltage Converter	1.00	.77	.68	
513-NJU9201BD	DIP-40	3 1/2 Digit A/D Converter	2.44	1.87	1.65	
◆ 513-NJU9201BM	SO-42	3 1/2 Digit A/D Converter	4.89	3.74	3.30	
513-NJU9202BD	DIP-40	3 1/2 Digit A/D Converter	2.67	2.04	1.80	
◆ 513-NJU9202BM	SO-42	3 1/2 Digit A/D Converter	5.44	4.17	3.68	
513-NJU9203BD	DIP-40	3 1/2 Digit A/D Converter	2.56	1.96	1.73	
◆ 513-NJU9203BM	SO-42	3 1/2 Digit A/D Converter	5.33	4.08	3.60	
513-NJU9204BD	DIP-40	3 1/2 Digit A/D Converter	2.58	1.97	1.74	
◆ 513-NJU9204BM	SO-42	3 1/2 Digit A/D Converter	5.33	4.08	3.60	

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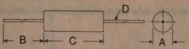
MEMCOR-TRUOHM INC. Power Resistors and Rheostats

DIMENSIONS (IN.)

AXIAL LEAD VITREOUS ENAMEL COATED RESISTORS



Specifications:
- Resistance tolerance: ±5%
- Temperature coefficient: ±150PPM

Features:
- Enamel coating
- Welded terminations
- Low temperature coefficient

Series	A	B	C	D
VL3	7/32	1 1/2	17/32	.032
VL5	5/16	1 1/2	1 1/16	.036
VL10	3/8	1 1/2	1 13/16	.036

Table of Values (Ω) ✱Available in VL5 and VL10 only

0.1	4.0	35	150	450	1.1K	3.9K	9K
0.13	5.0	39	180	470	1.2K	4K	10K
0.15	7.5	40	200	500	1.25K	4.5K	✱11K
0.2	10	47	220	560	1.5K	4.7K	✱12K
0.25	12	50	225	600	1.8K	5K	✱12.5K
0.3	15	56	250	680	2K	5.6K	✱15K
0.33	18	68	270	700	2.2K	6K	✱16K
0.5	20	75	300	750	2.5K	6.8K	✱18K
0.75	22	82	330	800	2.7K	7K	✱20K
1.0	25	100	350	820	3K	7.5K	✱22K
1.5	27	120	390	900	3.3K	8K	✱22.5K
2.0	30	125	400	1K	3.5K	8.2K	✱25K
3.0	33						

VL-3, 3 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	20	100
588-VL3-Value	.1 - .75	1.03	.96	.87
588-VL3-Value	1.0 - 7.5	.95	.80	.72
588-VL3-Value	10 - 470	.78	.67	.66
588-VL3-Value	500 - 900	.92	.78	.74
588-VL3-Value	1K - 2.7K	1.08	.92	.87
588-VL3-Value	3K - 4.7K	1.13	.96	.93
588-VL3-Value	5K - 10K	1.29	1.10	1.07

VL-5, 5 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	20	100
588-VL5-Value	.1 - .75	1.42	1.30	1.21
588-VL5-Value	1.0 - 7.5	1.13	.96	.82
588-VL5-Value	10 - 470	1.12	.95	.76
588-VL5-Value	500 - 900	1.31	1.12	1.07
588-VL5-Value	1K - 2.7K	1.39	1.19	.99
588-VL5-Value	3K - 4.7K	1.67	1.42	1.26
588-VL5-Value	5K - 15K	2.01	1.72	1.54
588-VL5-Value	16K - 25K	2.18	1.85	1.68

VL-10, 10 Watts

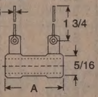
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	20	100
588-VL10-Value	.1 - .75	2.17	1.99	1.83
588-VL10-Value	1.0 - 7.5	1.36	1.16	1.00
588-VL10-Value	10 - 900	1.23	1.05	.91
588-VL10-Value	1K - 2.2K	1.59	1.35	1.29
588-VL10-Value	2.5K - 4.7K	1.88	1.60	1.49
588-VL10-Value	5K - 10K	1.90	1.62	1.52
588-VL10-Value	11K - 20K	2.04	1.73	1.64
588-VL10-Value	22K - 25K	2.18	1.85	1.76

LUG AND LEAD FIXED RESISTORS

Features:
- Welded terminals
- Excellent heat dissipation
- Vitreous enamel coated

Series	A
FRL5	1
FRL10	1 3/4



Specifications:
- Resistance tolerance: ±5%
- Temperature coefficient: ±100PPM

Table of Values (Ω) ✱Available in FRL10 only

1.0	10	50	200	500	1.5K	4K	15K
2.0	15	75	250	750	2K	5K	20K
3.0	20	100	300	1K	2.5K	6K	25K
5.0	25	125	400	1.2K	3K	8K	✱40K
7.5	35	150	450	1.25K	3.5K	10K	✱50K

FRL-5, 8 Watts

For quantities greater than listed, call for quote.

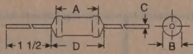
MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	20	100
588-FRL5-Value	1.0-7.5	1.90	1.62	1.23
588-FRL5-Value	10-1K	1.42	1.30	1.18
588-FRL5-Value	1.2K - 5K	1.64	1.39	1.08
588-FRL5-Value	6K - 15K	1.80	1.53	1.26
588-FRL5-Value	20K - 25K	2.16	1.83	1.39

FRL-10, 12 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	20	100
588-FRL10-Value	1.0 - 7.5	2.21	1.88	1.54
588-FRL10-Value	10 - 1K	1.88	1.60	1.30
588-FRL10-Value	1.2K - 5K	2.21	1.88	1.56
588-FRL10-Value	6K - 15K	2.45	2.09	1.65
588-FRL10-Value	20K - 25K	2.54	2.16	1.76
588-FRL10-Value	40K - 50K	3.13	2.66	2.17

AXIAL LEAD SILICONE COATED WIREWOUND - 1%



Specifications:
- Resistance tolerance: ±1%
- Dielectric strength: 1000V
- Insulation resistance: 1000MΩ

Features:
- Welded construction
- Silicone coating and molding
- Meets MIL-R-26 requirements

Series	A	B	C	D
SL1	.363	.100	.020	.450
SL3	.457	.205	.032	.500
SL5	.895	.305	.040	.950

✱Available in SL3 and SL5 only
✱✱Available in SL5 only

Table of Values (Ω)

0.1	2.0	25	82	350	2K	✱8K
0.13	3.0	27	100	400	2.2K	✱8.2K
0.15	4.0	30	120	470	2.5K	✱10K
0.2	5.0	33	150	500	3K	✱✱12.5K
0.25	7.5	39	180	560	✱3.9K	✱✱15K
0.3	10	40	200	600	✱4K	✱✱20K
0.33	12	47	220	680	✱4.7K	✱✱25K
0.5	15	50	250	750	✱5K	
0.75	18	56	270	1K	✱5.6K	
1.0	20	68	300	1.2K	✱6.8K	
1.5	22	75	330	1.5K	✱7.5K	

SL-1, 1 Watt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	10	50
588-SL1-Value	.1 - .75	1.93	1.71	1.44
588-SL1-Value	1 - 1K	1.85	1.63	1.38
588-SL1-Value	1.2K - 3K	2.02	1.77	1.50

SL-3, 3 Watts

For quantities greater than listed, call for quote.

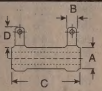
MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	10	50
588-SL3-Value	.1 - .75	1.81	1.60	1.28
588-SL3-Value	1 - 1K	1.06	.84	.76
588-SL3-Value	1.2K - 10K	1.17	.93	.84

SL-5, 5 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	10	50
588-SL5-Value	.1 - .75	1.81	1.60	1.35
588-SL5-Value	1 - 1K	1.06	.84	.79
588-SL5-Value	1.2K - 10K	1.17	.93	.88
588-SL5-Value	12.5K -25K	1.27	1.01	.94

FIXED POWER RESISTORS



Features:
- Welded terminals
- Excellent heat dissipation
- Vitreous enamel coated

Specifications:
- Resistance tolerance: ±5%
- Temperature coefficient: ±100PPM

Series	A	B	C	D
FR25	9/16	1/4	2	9/16
FR50	9/16	1/4	4	9/16
FR100	3/4	1/4	6 1/2	9/16
FR200	1 1/8	5/16	10 1/2	5/8

Table of Values (Ω)

1.0	5.0	50	200	750	2.5K	10K	50K
2.0	10	75	250	1K	3K	15K	100K
3.0	15	100	300	1.5K	5K	20K	
4.0	25	150	500	2K	7.5K	25K	

FR-25, 25 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-FR25-Value	1.0 - 4.0	3.08	2.57	2.24
588-FR25-Value	5.0 - 1K	2.80	2.34	2.05
588-FR25-Value	1.5K - 5K	2.94	2.46	2.15
588-FR25-Value	7.5K - 10K	3.31	2.76	2.42
588-FR25-Value	15K - 20K	3.67	3.06	2.68
588-FR25-Value	25K	3.94	3.29	2.87
588-FR25-Value	50K	4.27	3.57	3.12
588-FR25-Value	100K	4.49	3.74	3.27

FR-50, 50 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-FR50-Value	1.0 - 4.0	4.66	3.88	3.37
588-FR50-Value	5.0 - 5K	4.22	3.52	3.06
588-FR50-Value	7.5K - 10K	4.43	3.68	3.20
588-FR50-Value	25K - 25K	4.55	3.79	3.29
588-FR50-Value	50K	5.41	4.51	3.92
588-FR50-Value	100K	6.49	5.40	4.69

FR-100, 100 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-FR100-Value	1.0 - 2.0	8.68	7.09	6.34
588-FR100-Value	3.0 - 10	8.23	6.87	6.01
588-FR100-Value	15 - 10K	7.62	6.36	5.57
588-FR100-Value	15K - 25K	8.00	5.98	5.84
588-FR100-Value	50K	8.72	7.28	6.37
588-FR100-Value	100K	9.11	7.61	6.65

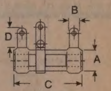
FR-200, 225 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-FR200-Value	1.0 - 2.0	18.12	16.64	13.70
588-FR200-Value	3.0 - 10	13.86	12.72	10.34
588-FR200-Value	15 - 20K	11.86	10.89	8.75
588-FR200-Value	25K - 50K	12.43	11.39	9.11
588-FR200-Value	100K	14.93	13.70	10.93

ADJUSTABLE POWER RESISTORS

Series	A	B	C	D
AR10	5/16	3/16	1 3/4	7/16
AR25	9/16	1/4	2	9/16
AR50	9/16	1/4	4	9/16
AR100	3/4	1/4	6 1/2	9/16
AR200	1 1/8	5/16	10 1/2	5/8



Specifications:
- Resistance tolerance: ±10%
- Temperature coefficient: ±100PPM
- Vitreous enamel coated

Table of Values (Ω) ✱Not available in AR10

1.0	5.0	20	75	200	750	2K	5K
2.0	10	25	100	250	1K	2.5K	10K
3.0	15	50	150	500	1.5K	3.5K	✱25K

AR-10, 12 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-AR10-Value	1.0 - 5.0	4.03	3.74	3.40
588-AR10-Value	10 - 750	3.66	3.40	3.09
588-AR10-Value	1K - 5K	3.84	3.58	3.24
588-AR10-Value	10K	3.94	3.67	3.32

AR-25, 25 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-AR25-Value	1.0 - 1K	4.57	4.19	3.78
588-AR25-Value	1.5K - 5K	4.69	4.30	3.68
588-AR25-Value	10K	4.87	4.49	3.84
588-AR25-Value	25K	5.50	5.04	4.31

AR-50, 50 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-AR50-Value	1.0 - 3.0	6.31	5.79	4.92
588-AR50-Value	5.0 - 1K	5.59	5.13	4.35
588-AR50-Value	1.5K - 5K	5.70	5.23	4.45
588-AR50-Value	10K	5.90	5.42	4.61
588-AR50-Value	25K	6.20	5.69	4.84

AR-100, 100 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-AR100-Value	1.0 - 5.0	11.45	10.51	7.92
588-AR100-Value	10 - 10K	8.57	7.86	6.07
588-AR100-Value	25K	9.66	8.87	6.68

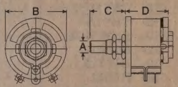
AR-200, 225 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	5	25
588-AR200-Value	1.0 - 5.0	20.31	18.64	14.26
588-AR200-Value	10 - 10K	14.40	13.21	10.26
588-AR200-Value	25K	15.88	14.56	11.51

POWER WIREWOUND RHEOSTATS

Series	A	B	C	D
RH12	1/8	7/8	5/8	11/16
RH25	1/4	1 9/16	7/8	1 5/16
RH50	1/4	2 5/16	7/8	1 7/16



Specifications:
- Resistance tolerance: ±10%
- Rotation 300° ±5%

✱Available in RH12 and RH25 only
✱✱Available in RH50 only
† Available in RH25 only

Table of Values (Ω)

✱✱0.5	6.0	✱25	✱100	✱✱225	✱750	✱3.5K
1.0	✱8.0	✱✱35	125	✱250	1K	5K
✱2.0	✱10	50	✱✱150	✱350	✱1.5K	10K
✱3.0	✱15	✱75	✱175	500	2.5K	† 25K

RH-12, 12.5 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	10	25
588-RH12-Value	1 - 10	17.16	14.56	12.06
588-RH12-Value	15 - 750	14.98	12.69	10.35
588-RH12-Value	1K - 2.5K	15.55	13.31	10.92
588-RH12-Value	3.5K - 5K	16.54	14.14	11.54
588-RH12-Value	10K	17.68	15.08	12.38

RH-25, 25 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	10	25
588-RH25-Value	1 - 10	16.89	14.35	11.82
588-RH25-Value	15 - 750	14.56	12.38	10.19
588-RH25-Value	1K - 5K	15.25	12.96	10.67
588-RH25-Value	10K - 25K	16.37	13.92	11.46

RH-50, 50 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	10	25
588-RH50-Value	0.5 - 6.0	23.40	20.07	16.53
588-RH50-Value	35 - 2.5K	18.35	15.76	12.98
588-RH50-Value	10K	21.20	18.20	14.99

RESISTOR MOUNTING BRACKETS

Requires 2 brackets per resistor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	May Be Used With These Resistors	Price Each		
		2	10	100
588-1441-003	FRL5, FRL10, AR10	.24	.20	.16
588-1441-005	FR25, FR50, AR25, AR50	.26	.22	.17
588-1441-006	FR100, AR100	.27	.23	.18
588-1441-007	FR200, AR200	.28	.24	.19

Coming Soon: Please contact your sales representative for availability on these products.

QT OPTOELECTRONICS

Optocoupler Products

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips

*UL Recognized
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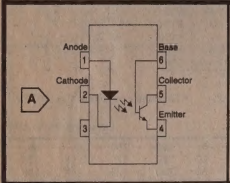
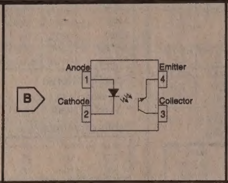
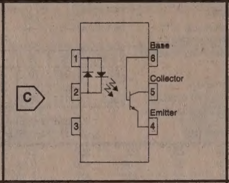
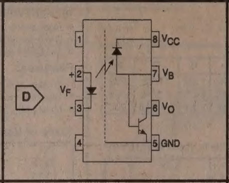
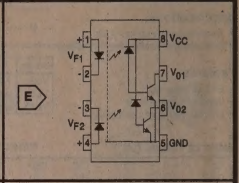
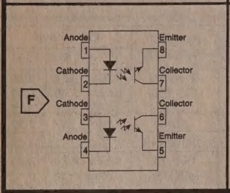


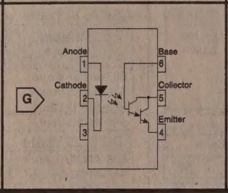


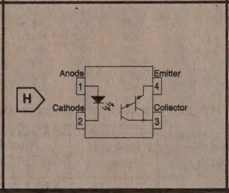


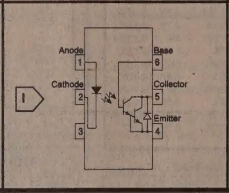












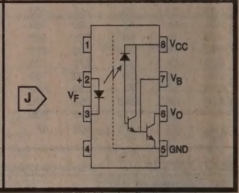


Photo Transistor Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	4N25	A	5.3KV	30.0	3/3	.38	.32	.29
*	512-	4N26	A	5.3KV	30.0	3/3	.38	.32	.29
*	512-	4N27	A	5.3KV	30.0	3/3	.38	.32	.29
*	512-	4N28	A	5.3KV	30.0	3/3	.35	.30	.27
*	512-	4N35	A	5.3KV	30.0	5/5	.40	.34	.31
*	512-	4N36	A	5.3KV	30.0	5/5	.38	.32	.29
*	512-	4N37	A	5.3KV	30.0	5/5	.35	.30	.27
**	512-	CNW11AV-13	A	4.0KV	70.0	15/15	.99	.84	.77
**	512-	CNW11AV-23	A	4.0KV	70.0	15/15	.89	.76	.70
*	512-	CNY17-1	A	5.3KV	70.0	10/10	.56	.48	.44
**	512-	CNY17-13	A	5.3KV	70.0	10/10	.61	.52	.48
*	512-	CNY17-2	A	5.3KV	70.0	10/10	.54	.46	.42
**	512-	CNY17-23	A	5.3KV	70.0	10/10	.59	.50	.46
*	512-	CNY17-3	A	5.3KV	70.0	10/10	.54	.46	.42
**	512-	CNY17-33	A	5.3KV	70.0	10/10	.59	.50	.46
*	512-	CNY17-4	A	5.3KV	70.0	10/10	.54	.46	.42
**	512-	CNY17-43	A	5.3KV	70.0	10/10	.59	.50	.46
*	512-	H11A1	A	5.3KV	30.0	2/2	.47	.40	.37
**	512-	H11A13	A	5.3KV	30.0	2/2	.52	.44	.40
*	512-	H11A2	A	5.3KV	30.0	2/2	.42	.36	.33
*	512-	H11A3	A	5.3KV	30.0	2/2	.42	.36	.33
*	512-	H11A4	A	5.3KV	30.0	2/2	.40	.34	.31
*	512-	H11A5	A	5.3KV	30.0	2/2	.45	.38	.35
*	512-	H11AG1	A	5.3KV	30.0	5/5	1.18	1.00	.92
*	512-	H24A1	B	3.75KV	30.0	9/4	2.21	1.88	1.72
*	512-	H24A2	B	3.75KV	30.0	9/4	2.02	1.72	1.57
*	512-	MCT2	A	5.3KV	30.0	10/10	.45	.38	.35
*	512-	MCT210	A	5.3KV	30.0	5/5	.59	.50	.46
**	512-	MCT22003	A	5.3KV	30.0	10/10	.52	.44	.40
*	512-	MCT26	A	5.3KV	30.0	5/5	.35	.30	.27
*	512-	MCT270	A	5.3KV	30.0	10/10	.45	.38	.35
*	512-	MCT271	A	5.3KV	30.0	7/7	.52	.44	.40
*	512-	MCT2E	A	5.3KV	30.0	5/5	.45	.38	.35
	512-	MCT4	B	1.0KVDC	30.0	2/2	12.93	11.00	10.07
	512-	MCT4R	B	1.0KVDC	30.0	2/2	24.68	21.00	19.22
*	512-	MCT5200	A	5.3KV	30.0	12/12	.82	.70	.64
*	512-	MCT5201	A	5.3KV	30.0	30/13	.85	.72	.66
*	512-	MCT5210	A	5.3KV	30.0	10/10	.87	.74	.68
*	512-	MCT5211	A	5.3KV	30.0	25/25	.89	.76	.70
*	512-	TIL111	A	5.3KV	30.0	10/10	.35	.30	.27

Photo Transistor Output

For quantities greater than listed, call for quote.

*	512-	H11AA1	C	5.3KV	30.0	5/5	.82	.70	.64
*	512-	H11AA2	C	5.3KV	30.0	5/5	.68	.58	.53
*	512-	H11AA3	C	5.3KV	30.0	5/5	.85	.72	.66
*	512-	H11AA4	C	5.3KV	30.0	5/5	.89	.76	.70

High Voltage Photo Transistor Output

For quantities greater than listed, call for quote.

*	512-	4N38	A	5.3KV	80.0	5/5	.66	.56	.51
*	512-	4N38A	A	5.3KV	80.0	5/5	1.03	.88	.81
*	512-	H11D1	A	5.3KV	300.0	5/5	.71	.60	.55
**	512-	H11D13	A	5.3KV	300.0	5/5	.75	.64	.59
*	512-	H11D2	A	5.3KV	300.0	5/5	.71	.60	.55
**	512-	H11D23	A	5.3KV	300.0	5/5	.66	.56	.51
*	512-	H11D3	A	5.3KV	200.0	5/5	.66	.56	.51

High-Speed Photo Transistor Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	V_{CC} (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	6N135	D	2.5KV	15.0	1.5/1.5	.99	.84	.77
*	512-	6N136	D	2.5KV	15.0	0.8/0.8	.99	.84	.77
*	512-	HCPL-2503	D	2.5KV	15.0	0.8/0.8	1.65	1.40	1.28

Dual High-Speed Photo Transistor Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	V_{CC} (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	HCPL-2531	E	2.5KV	15.0	0.8/0.8	3.06	2.60	2.38

Dual Photo Transistor Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	MCT6	F	2.5KV	30.0	5/15	.80	.68	.62
*	512-	MCT61	F	2.5KV	30.0	5/15	.92	.78	.71
*	512-	MCT62	F	2.5KV	30.0	5/15	.99	.84	.77

Photo Darlington Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	4N29	G	5.3KV	30.0	5/40	.38	.32	.29
*	512-	4N30	G	5.3KV	30.0	5/40	.38	.32	.29
*	512-	4N31	G	5.3KV	30.0	5/40	.35	.30	.27
*	512-	4N32	G	5.3KV	30.0	5/100	.42	.36	.33
*	512-	4N33	G	5.3KV	30.0	5/100	.42	.36	.33
*	512-	H11B1	G	5.3KV	25.0	125/100	.59	.50	.46
*	512-	H11B2	G	5.3KV	25.0	125/100	.56	.48	.44
*	512-	H11B255	G	5.3KV	55.0	125/100	.71	.60	.55
*	512-	H11B3	G	5.3KV	25.0	125/100	.54	.46	.42
*	512-	H24B1	H	3.75KV	30.0	100/60	3.29	2.80	2.56
*	512-	MCA230	G	5.3KV	30.0	10/100	.59	.50	.46
*	512-	MCA231	G	5.3KV	30.0	10/100	.63	.54	.49
*	512-	MCA255	G	5.3KV	30.0	10/100	.63	.54	.49

High Voltage Photo Darlington Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	H11G1	I	5.3KV	100.0	5/100	.75	.64	.59
*	512-	H11G2	I	5.3KV	80.0	5/100	.73	.62	.57
*	512-	H11G3	I	5.3KV	55.0	5/100	.71	.60	.55
*	512-	H11G45	I	5.3KV	55.0	5/150	1.79	1.52	1.39
*	512-	H11G46	I	5.3KV	55.0	5/150	2.04	1.74	1.59

High Gain Split Photo Darlington Output

For quantities greater than listed, call for quote.

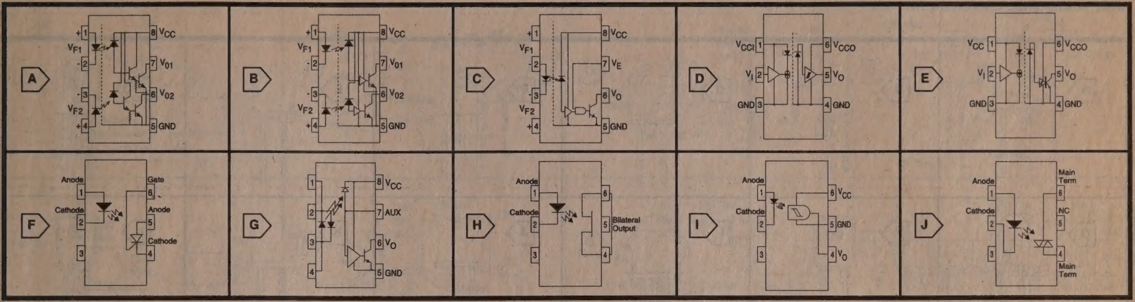
	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	V_{CC} (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	6N138	J	2.5KV	7.0	10/35	1.36	1.16	1.06
*	512-	6N139	J	2.5KV	18.0	25/60	1.53	1.30	1.19

Coming Soon: Please contact your sales representative for availability on these products.

Optocoupler Products

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips

*UL Recognized



Dual Split Photo Darlington Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	V_{CC} (V)	Typical Rise/Fall (µSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	HCPL-2730	A	2.5KV	7.0	20/35	2.82	2.40	2.20
*	512-	HCPL-2731	A	2.5KV	18.0	2/10	3.53	3.00	2.75

Dual Very High-Speed Logic Gate Output

For quantities greater than listed, call for quote.

*	512-	HCPL-2630	B	2.5KV	5.5	.075/.075	4.94	4.20	3.84
*	512-	HCPL-2631	B	2.5KV	5.5	.075/.075	5.29	4.50	4.12

Very High-Speed Logic Gate Output

For quantities greater than listed, call for quote.

*	512-	6N137	C	2.5KV	5.5	.075/.075	1.67	1.42	1.30
*	512-	HCPL-2601	C	2.5KV	5.5	.075/.075	2.82	2.40	2.20

High-Speed Logic-to-Logic (Optologic™)

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	V_{OL} (V)	Typical Rise/Fall (µSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	74OL6000	D	2.5KV	0.6	0.1/0.1	2.94	2.50	2.29
*	512-	74OL6001	D	2.5KV	0.6	0.1/0.1	2.94	2.50	2.29
*	512-	74OL6010	E	2.5KV	0.6	0.12/0.18	2.94	2.50	2.29
*	512-	74OL6011	E	2.5KV	0.6	0.12/0.18	2.94	2.50	2.29

Photo SCR Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	Blocking Voltage	Typical t_{on} (µSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	4N39	F	5.3KV	200.0	1.0	.99	.84	.77
*	512-	4N40	F	5.3KV	200.0	1.0	1.25	1.06	.97
*	512-	H11C1	F	5.3KV	200.0	50	.94	.80	.73
*	512-	H11C2	F	5.3KV	200.0	50	.89	.76	.70
*	512-	H11C3	F	5.3KV	200.0	50	.85	.72	.66
*	512-	H11C4	F	5.3KV	400.0	50	.99	.84	.77
*	512-	H11C5	F	5.3KV	400.0	50	.94	.80	.73
*	512-	H11C6	F	5.3KV	400.0	50	.89	.76	.70

AC Line Monitor Logic-Out

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (µSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	MID400	G	2.25KV	5.5	1.0/1.0	3.17	2.70	2.47

Bilateral Analog FET Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	V_{BR} (V)	Typical t_{on}/t_{off} (µSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	H11F1	H	5.3KV	30.0	25/25	2.94	2.50	2.29
*	512-	H11F2	H	5.3KV	30.0	25/25	2.59	2.20	2.01
*	512-	H11F3	H	5.3KV	15.0	25/25	1.65	1.40	1.28

Schmitt Trigger Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	V_{CC} (V)	Typical t_{on}/t_{off} (µSEC)	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	H11L1	I	5.3KV	15.0	1.0/2.0	.94	.80	.73
*	512-	H11L2	I	5.3KV	15.0	1.0/2.0	.82	.70	.64
*	512-	H11L3	I	5.3KV	15.0	1.0/2.0	.71	.60	.55
*	512-	H11N1	I	5.3KV	15.0	0.3/0.3	5.29	4.50	4.12
*	512-	H11N2	I	5.3KV	15.0	0.3/0.3	4.70	4.00	3.66
*	512-	H11N3	I	5.3KV	15.0	0.3/0.3	2.94	2.50	2.29

Non-Zero-Crossing Triac Output

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Isolation Voltage (VRMS)	Blocking Voltage	Holding Current	Price Each		
	Mfr.	Industry No.					1	100	500
*	512-	MOC3010	J	5.3KV	250.0	100	.56	.48	.44
*	512-	MOC3011	J	5.3KV	250.0	100	.59	.50	.46
*	512-	MOC3012	J	5.3KV	250.0	100	1.01	.86	.79
*	512-	MOC3020	J	5.3KV	400.0	100	.56	.48	.44
*	512-	MOC3021	J	5.3KV	400.0	100	.59	.50	.46
*	512-	MOC3022	J	5.3KV	400.0	100	.61	.52	.48
*	512-	MOC3023	J	5.3KV	400.0	100	1.08	.92	.84

Infrared Interrupter Switches

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips

Photo Transistor

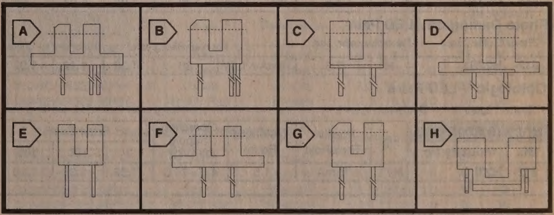
For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Aperature Width (in.) LED/Sensor	Min I_C On @ 20mA/5V	BV CEO (V)	Price Each		
Mfr.	Industry No.					1	100	500
512-	H21A1	A	.035 / .035	1.0mA	30	1.48	1.26	1.15
512-	H21A2	A	.035 / .035	2.0mA	30	1.46	1.24	1.13
512-	H22A1	B	.035 / .035	1.0mA	30	1.48	1.26	1.15
512-	H22A2	B	.035 / .035	2.0mA	30	1.46	1.24	1.13
512-	QVA11134	C	.050 / .050	1.0mA	30	1.65	1.40	1.28
512-	QVA11234	C	.050 / .050	1.0mA	30	1.65	1.40	1.28
512-	QVA11334	C	.050 / .050	1.0mA	30	1.65	1.40	1.28
512-	QVB11134	D	.050 / .050	1.0mA	30	1.65	1.40	1.28
512-	QVB11234	D	.050 / .050	1.0mA	30	1.65	1.40	1.28
512-	QVB11334	D	.050 / .050	1.0mA	30	1.65	1.40	1.28
512-	QVE11233	E	N/A	0.5mA	30	1.57	1.34	1.23

Photo Darlington

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Aperature Width (in.) LED/Sensor	Min I_C On @ 10mA/1.5V	BV CEO (V)	Price Each		
Mfr.	Industry No.					1	100	500
512-	H21B1	F	.035 / .035	7.5mA	30	1.81	1.54	1.41
512-	H21B2	F	.035 / .035	14.0mA	30	2.04	1.74	1.59
512-	H21B3	F	.035 / .035	25.0mA	30	2.30	1.96	1.79
512-	H21B4	F	.035 / .035	7.5mA	55	3.01	2.56	2.34
512-	H22B1	G	.035 / .035	14.0mA	30	1.83	1.56	1.43
512-	H22B2	G	.035 / .035	25.0mA	30	2.96	2.52	2.31
512-	QCK4	H	N/A	3.0mA	30	1.34	1.14	1.04



Optologic™

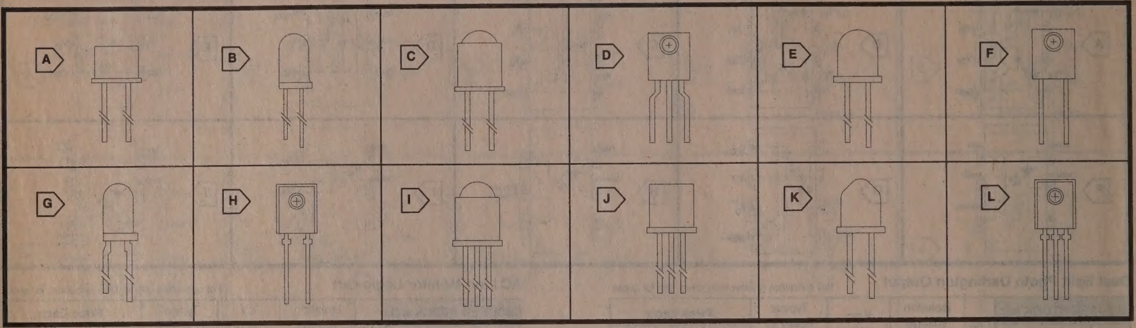
For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Positive Threshold I_F (+) (mA)	Hysteresis Ratio Typ. $I_F(+)/I_F(-)$	Operating Supply Volt (V_{CC})	Price Each		
Mfr.	Industry No.					1	100	500
512-	H21L1	A	30	1.5	4.5-16.0	2.19	1.86	1.70
512-	H21L2	A	15	1.5	4.5-16.0	2.28	1.94	1.78
512-	H22L1	B	30	1.5	4.5-16.0	2.19	1.86	1.70
512-	H22L2	B	15	1.5	4.5-16.0	2.28	1.94	1.78

Coming Soon: Please contact your sales representative for availability on these products.

Infrared Products

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips



INFRARED EMITTING DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Min. Power Output	Max. Fwd Volt	Peak Emission Wave-Length	Beam Angle +/-	Price Each		
Mfr.	Industry No.						1	100	500
512-	1N6264	A	6mW	1.7V	940	10	2.82	2.40	2.20
512-	1N6265	B	6mW	1.7V	940	40	3.90	3.32	3.04
512-	1N6266	A	25mW/sr	1.7V	940	10	3.90	3.32	3.04
512-	CQX14	A	5.40mW	1.7V	940	10	1.62	1.38	1.26
512-	CQX15	B	5.40mW	1.7V	940	40	1.62	1.38	1.26
512-	F5D1	A	12mW	1.7V	880	10	2.37	2.02	1.85
512-	F5D2	A	9mW	1.7V	880	10	1.95	1.66	1.52
512-	F5D3	A	10.5mW	1.7V	880	10	2.16	1.84	1.68
512-	F5E1	B	12mW	1.7V	880	40	2.04	1.74	1.59
512-	F5E2	B	9mW	1.7V	880	40	1.62	1.38	1.26
512-	F5E3	B	10.5mW	1.7V	880	40	1.81	1.54	1.41
512-	F5F1	C	0.28mW/sr	1.7V	940	35	.82	.70	.64
512-	LED55B	A	5.40mW	1.7V	940	10	1.50	1.28	1.17
512-	LED55C	A	3.50mW	1.7V	940	10	1.46	1.24	1.13
512-	LED56	A	1.50mW	1.7V	940	10	1.53	1.30	1.19
512-	LED55BF	B	3.50mW	1.7V	940	40	1.50	1.28	1.17
512-	LED55CF	B	5.40mW	1.7V	940	40	1.46	1.24	1.13
512-	LED56F	B	1.50mW	1.7V	940	40	1.53	1.30	1.19
512-	QEC113	D	0.07mW/10°	1.5V	940	8	.56	.48	.44
512-	QED123	E	0.24mW/10°	1.7V	880	9	.68	.58	.53
512-	QED423	F	0.10mW/10°	1.7V	880	35	.56	.48	.44
512-	QED233	E	0.05mW/10°	1.5V	940	20	.35	.30	.27
512-	QED234	E	0.13mW/10°	1.5V	940	20	.40	.34	.31
512-	QED522	F	0.10mW/10°	1.7V	880	15	.56	.48	.44
512-	QED523	F	0.20mW/10°	1.7V	880	15	.56	.48	.44
512-	QEE113	G	0.015mW0.	1.5V	940	25	.56	.48	.44
512-	QEE123	G	0.04mW/10°	1.5V	880	25	.61	.52	.48

MATCHED EMITTER / DETECTOR PAIRS

Photo Transistor / LED Pairs

- Emitter color: black
- Dectector color: red

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	I_C (On) (mA) min.	I_F / V_{CE}	BV CEO (V)	Price Each		
Mfr.	Industry No.					1	100	500
512-	H23A1	H	1.5	30mA / 5V	30	1.22	1.04	.95

Photo Darlington / LED Pairs

- Emitter color: black
- Dectector color: red

For quantities greater than listed, call for quote.

512-	H23B1	H	7.5	10mA / 1.5V	30	1.32	1.12	1.02

Optologic™/ LED Pairs

- Emitter: figure H
- Dectector: figure L

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Positive Threshold	Hysteresis Ratio	Operating Supply volt (VCC)	Price Each		
Mfr.	Industry No.					1	100	500
512-	H23L1	H / L	15mA	1.5	4.5 - 16.0	1.53	1.30	1.19

PHOTO DETECTORS

Photo Transistors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	On-state Collector Current	BV CEO (V)	I_{CEO} VCC /nA (max.)	Price Each		
Mfr.	Industry No.					1	100	500
512-	BPW36	I	6.0	45	10 / 100	1.97	1.68	1.54
512-	BPW37	I	3.0	45	10 / 100	1.81	1.54	1.41
512-	L14C1	J	1.0	50	20 / 100	1.65	1.40	1.28
512-	L14C2	J	0.5	50	20 / 100	1.55	1.32	1.21
512-	L14G1	I	6.0	45	10 / 100	1.69	1.44	1.32
512-	L14G2	I	3.0	45	10 / 100	1.81	1.54	1.41
512-	L14G3	I	12.0	45	10 / 100	2.14	1.82	1.67
512-	L14N1	J	3.0	30	10 / 100	1.97	1.68	1.54
512-	L14N2	J	6.0	30	10 / 100	2.30	1.96	1.79
512-	L14P1	I	4.0	30	10 / 100	1.97	1.68	1.54
512-	L14P2	I	8.0	30	10 / 100	2.30	1.96	1.79
512-	L14Q1	C	1.0	30	25 / 100	.47	.40	.37
512-	QSC112	D	1.0	30	10 / 100	.45	.38	.35
512-	QSC113	D	2.4	30	10 / 100	.47	.40	.37
512-	QSC114	D	4.0	30	10 / 100	.49	.42	.38
512-	QSD122	E	1.0	30	10 / 100	.63	.54	.49
512-	QSD123	E	4.0	30	10 / 100	.66	.56	.51
512-	QSD124	E	6.0	30	10 / 100	.68	.58	.53
512-	QSD422	F	0.3	30	10 / 100	.63	.54	.49
512-	QSD423	F	1.2	30	10 / 100	.66	.56	.51
512-	QSD424	F	1.8	30	10 / 100	.68	.58	.53
512-	QSD722	K	0.6	30	10 / 100	.63	.54	.49
512-	QSD723	K	2.5	30	10 / 100	.66	.56	.51
512-	QSE113	G	0.25	30	10 / 100	.59	.50	.46
512-	QSE114	G	1.0	30	10 / 100	.61	.52	.48

Photo Darlington

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	On-state Collector Current	BV CEO (V)	I_{CEO} VCC /nA (max.)	Price Each		
Mfr.	Industry No.					1	100	500
512-	BPW38	I	3.0	25	12 / 100	2.56	2.18	1.99
512-	L14F1	I	3.0	25	12 / 100	2.47	2.10	1.92
512-	L14F2	I	1.0	25	12 / 100	1.81	1.54	1.41
512-	L14R1	C	5.0	30	25 / 100	.52	.44	.40

Optologic™

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Positive Threshold mw/cm²	Function	V_{CC} (V)	Price Each		
Mfr.	Industry No.					1	100	500
512-	QSE156	H	.250	Buff T/P	4.5-16.0	1.48	1.26	1.15
512-	QSE157	H	.250	Inv T/P	4.5-16.0	1.48	1.26	1.15
512-	QSE158	H	.250	Buff O/C	4.5-16.0	1.48	1.26	1.15
512-	QSE159	H	.250	Inv O/C	4.5-16.0	1.48	1.26	1.15

REFLECTIVE PHOTO SENSORS

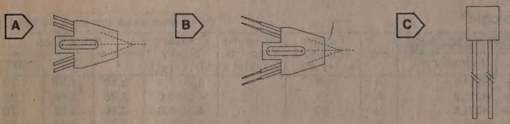


Photo Transistor Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	On-State Collector Current	I_F/VCE	BV CEO (V)	Price Each		
Mfr.	Industry No.					1	100	500
512-	QRB1114	A	.60mA	40mA/5V	30	1.88	1.60	1.46
512-	QRB1134	B	.60mA	40mA/5V	30	3.06	2.60	2.38
512-	QRD1114	C	1.0mA	20mA/5V	30	1.69	1.44	1.32

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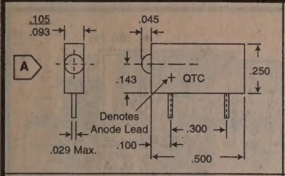
QT OPTOELECTRONICS

LED Circuit Board Indicators and Lamps

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips

DIMENSIONS (IN.)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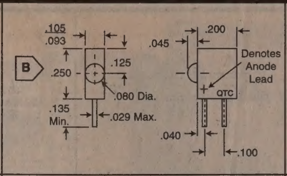
.045
.143
QTC
.250
Denotes Anode Lead
.029 Max.
.100
.300
.500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Denotes Anode Lead
QTC
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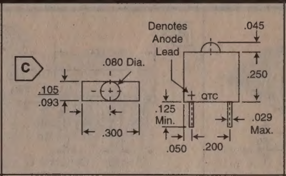
.100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QTC
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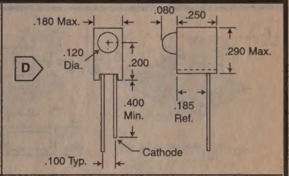
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.080
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.200
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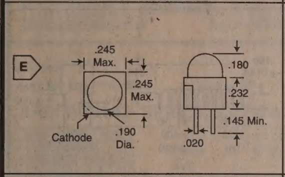
.185 Ref.
Cathode
.100 Typ.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.245 Max.
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.232
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Cathode
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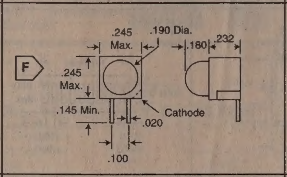
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.180
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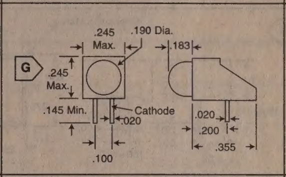
.245 Max.
.145 Min.
Cathode
.020
.100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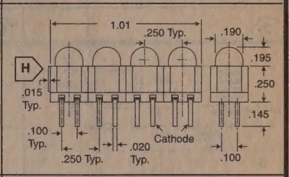
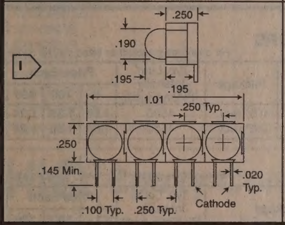
.190 Dia.
.183
.245 Max.
.145 Min.
Cathode
.020
.020
.200
.355
.100


H
1.01
.250 Typ.
.190
.195
.250
.015 Typ.
.145
.100 Typ.
.020 Typ.
Cathode
.250 Typ.
.100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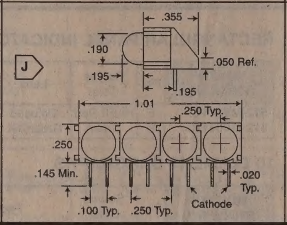
.195
1.01
.250 Typ.
.250
.145 Min.
.020 Typ.
Cathode
.100 Typ.
.250 Typ.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1.01
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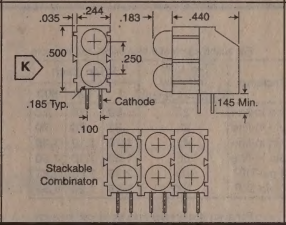
.020 Typ.
Cathode
.100 Typ.
.250 Typ.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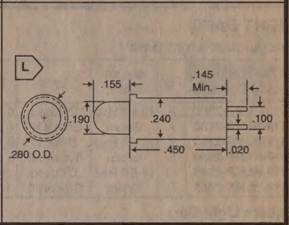
.183
.440
.500
.250
.185 Typ.
Cathode
.100
.145 Min.
Stackable Combinaton


L
.155
.145 Min.
.190
.240
.100
.280 O.D.
.450
.020

T-3/4 SUBMINIATURE PCB INDICATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	V_F	mcd	mA	Price Each		
							1	100	500
512-MV5000.MP1	A	Red	Right angle	1.7	3.0	20	.59	.50	.46
512-MV5300.MP1	A	Yellow	Right angle	2.1	2.0	20	.59	.50	.46
512-MV5400.MP1	A	Green	Right angle	2.3	3.5	20	.59	.50	.46
512-MV5000.MP2	B	Red	Right angle	1.7	3.0	20	.59	.50	.46
512-MV5300.MP2	B	Yellow	Right angle	2.1	2.0	20	.56	.48	.44
512-MV5400.MP2	B	Green	Right angle	2.3	3.5	20	.56	.48	.44
512-MV5000.MP3	C	Red	Straight	1.7	3.0	20	.61	.52	.48
512-MV5300.MP3	C	Yellow	Straight	2.1	2.0	20	.59	.50	.46
512-MV5400.MP3	C	Green	Straight	2.3	3.5	20	.59	.50	.46

T-1 PCB INDICATORS

For quantities greater than listed, call for quote.

512-MV5064.MP4B	D	Red	Right angle	1.6	1.5	20	.47	.40	.37
512-MV5364.MP4B	D	Yellow	Right angle	2.1	2.0	10	.49	.42	.38
512-MV5464.MP4B	D	Green	Right angle	2.2	5.0	20	.49	.42	.38
512-MV5764.MP4B	D	Hi-Eff Red	Right angle	2.0	2.0	10	.49	.42	.38

T-1 3/4 PCB INDICATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	V_F	mcd	mA	Price Each		
							1	100	500
512-MV60539.MP5	E	Red	Straight	1.7	3.2	20	.35	.30	.27
512-MV63539.MP5	E	Yellow	Straight	2.1	20.0	20	.45	.38	.35
512-MV64539.MP5	E	Green	Straight	2.2	28.0	20	.42	.36	.33
512-MV67539.MP5	E	Hi-Eff Red	Straight	2.1	15.0	20	.45	.38	.35
512-MV60539.MP6	F	Red	Right angle	1.7	3.2	20	.35	.30	.27
512-MV63539.MP6	F	Yellow	Right angle	2.1	20.0	20	.45	.38	.35
512-MV64539.MP6	F	Green	Right angle	2.2	28.0	20	.42	.36	.33
512-MV67539.MP6	F	Hi-Eff Red	Right angle	2.1	15.0	20	.45	.38	.35
512-MV60539.MP7	G	Red	Right angle	1.7	3.2	20	.38	.32	.29
512-MV63539.MP7	G	Yellow	Right angle	2.1	20.0	20	.47	.40	.37
512-MV64539.MP7	G	Green	Right angle	2.2	28.0	20	.42	.36	.33
512-MV67539.MP7	G	Hi-Eff Red	Right angle	2.1	15.0	20	.47	.40	.37

T-1 3/4 BI-COLOR PCB INDICATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	V_F	mcd	mA	Price Each		
							1	100	500
512-MV54919.MP5	E	Red/green	Straight angle	2.3	6.0	20	.75	.64	.59
512-MV54919.MP6	F	Red/green	Right angle	2.3	6.0	20	.75	.64	.59
512-MV54919.MP7	G	Red/green	Right angle	2.3	6.0	20	.78	.66	.60

T-1 3/4 4 Unit PCB Indicators

For quantities greater than listed, call for quote.

512-MV60539.MP8	H	Red	4 lamp straight	1.7	3.2	20	1.22	1.04	.95
512-MV63539.MP8	H	Yellow	4 lamp straight	2.1	20.0	20	1.36	1.16	1.06
512-MV64539.MP8	H	Green	4 lamp straight	2.2	28.0	20	1.53	1.30	1.19
512-MV67539.MP8	H	Hi-Eff Red	4 lamp straight	2.1	15.0	20	1.46	1.24	1.13
512-MV60539.MP8A	I	Red	4 lamp right angle	1.7	3.2	20	1.22	1.04	.95
512-MV63539.MP8A	I	Yellow	4 lamp right angle	2.1	20.0	20	1.36	1.16	1.06
512-MV64539.MP8A	I	Green	4 lamp right angle	2.2	28.0	20	1.53	1.30	1.19
512-MV67539.MP8A	I	Hi-Eff Red	4 lamp right angle	2.1	15.0	20	1.46	1.24	1.13
512-MV60539.MP8B	J	Red	4 lamp right angle	1.7	3.2	20	1.22	1.04	.95
512-MV63539.MP8B	J	Yellow	4 lamp right angle	2.1	20.0	20	1.36	1.16	1.06
512-MV64539.MP8B	J	Green	4 lamp right angle	2.2	28.0	20	1.53	1.30	1.19
512-MV67539.MP8B	J	Hi-Eff Red	4 lamp right angle	2.1	15.0	20	1.46	1.24	1.13

T-1 3/4 Bi-Level PCB Indicators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	V_F	mcd	mA	Price Each		
							1	100	500
512-MV60539.MP90	K	Red	Bi-level	1.7	3.2	20	.71	.60	.55
512-MV63539.MP93	K	Yellow	Bi-level	2.1	20.0	20	.78	.66	.60
512-MV64539.MP94	K	Green	Bi-level	2.2	28.0	20	.82	.70	
512-MV67539.MP97	K	Hi-Eff Red	Bi-level	2.1	15.0	20	.75	.6	

T-1 3/4 Vertical Standoff PCB Indicators

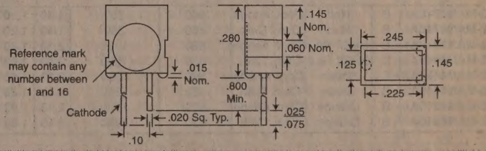
For quantities greater than listed, c.

512-MV60539.MP10	L	Red	Standoff	1.7	3.2	20	.45	.3
512-MV63539.MP10	L	Yellow	Standoff	2.1	20.0	20	.47	.40
512-MV64539.MP10	L	Green	Standoff	2.2	28.0	20	.49	.42
512-MV67539.MP10	L	Hi-Eff Red	Standoff	2.1	15.0	20	.42	.36

LED RECTANGULAR LAMPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Source Color	Lens Color	Wavelength λp (nm)	Typ. Lum. Intensity IF=20mA (mcd)	Price Each		
					1	100	500
512-MV57124A	Hi-Eff Red	Red Diff.	635	6.0	.35	.30	.27
512-MV54124A	Green	Green Diff.	565	6.0	.35	.30	.27
512-MV53124A	Yellow	Yellow Diff.	585	6.0	.35	.30	.27
512-MV49124A	Red/green	White Diff.	647/565	6.0	.63	.54	.49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.020 Sq. Typ.
.10
.280
.145 Nom.
.060 Nom.
.600 Min.
.025
.075
.245
.125
.145
.225

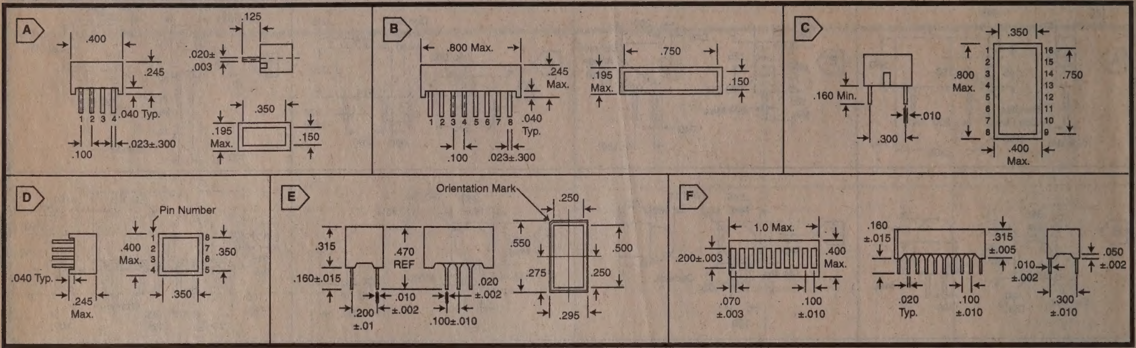
Coming Soon: Please contact your sales representative for availability on these products.

LED Light Bars, Indicators, and Bargraphs

QT OPTOELECTRONICS

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips

DIMENSIONS (IN.)



A
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.020±
.003
.245
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.040 Typ.
.100
.023±.300
.350
.195
Max.
.150
B
.800 Max.
.245
Max.
1 2 3 4 5 6 7 8
.040
Typ.
.100
.023±.300
.750
.195
Max.
.150
C
.350
.160 Min.
.010
.300
.800
Max.
.750
1 2 3 4 5 6 7 8
16 15 14 13 12 11 10 9
.400
Max.
D
Pin Number
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Max.
1 2 3 4
8 7 6 5
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.040 Typ.
.245
Max.
.350
E
Orientation Mark
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.315
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REF
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.010
±.002
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±.01
.020
±.002
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.500
.275
.250
.295
F
1.0 Max.
.200±.003
.400
Max.
.070
±.003
.100
±.010
.160
±.015
.315
±.005
.010
±.002
.020
Typ.
.100
±.010
.050
±.002
.300
±.010

LIGHT BARS

Rectangular Light Bars

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Source Color	Lens	Package	Typ. Lum. Intensity IF=20mA (mcd)	Price Each		
						1	100	500
512-HLMP-2300	A	Hi-Eff Red	Diffused	4 pin in-line	23	.89	.76	.70
512-HLMP-2500	A	Green	GreenDiff.	4 pin in-line	25	.89	.76	.70
512-HLMP-2350	B	Hi-Eff Red	Diffused	8 pin in-line	45	1.29	1.10	1.00
512-HLMP-2550	B	Green	GreenDiff.	8 pin in-line	50	1.29	1.10	1.00
512-HLMP-2685	C	Hi-Eff Red	Diffused	16 pin DIP	80	2.35	1.90	1.83
512-HLMP-2885	C	Green	GreenDiff.	16 pin DIP	100	2.35	1.90	1.83

Square Light Bars

For quantities greater than listed, call for quote.

512-HLMP-2655	D	Hi-Eff Red	Diffused	8 pin in-line	43	1.83	1.56	1.43
512-HLMP-2855	D	Green	GreenDiff.	8 pin in-line	50	1.83	1.56	1.43

RECTANGULAR PANEL INDICATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Source Color	Lens	Package	Typ. Lum. Intensity IF=2mA (µcd)	Price Each		
						1	100	500
512-MV57173	E	Hi-Eff Red	Diffused	0.5" rect.	4500	1.60	1.36	1.24
512-MV54173	E	Green	GreenDiff.	0.5" rect.	4500	1.60	1.36	1.24

10 ELEMENT BARGRAPHS

For quantities greater than listed, call for quote.

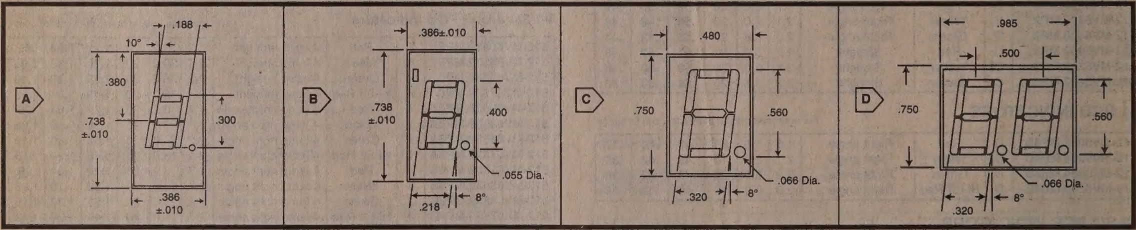
MOUSER STOCK NO.	Fig.	Source Color	Package	Typ. Lum. Intensity IF=10mA (µcd)	Price Each		
					1	100	500
512-MV57164	F	Red	10 lamp w/gray face	1800	2.42	2.06	1.88
512-MV54164	F	Green	10 lamp w/gray face	1800	2.59	2.20	2.01

LED Numeric Displays

QT OPTOELECTRONICS

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips

DIMENSIONS (IN.)



A
.188
10°
.380
.738
±.010
.300
.386
±.010
B
.386±.010
.738
±.010
.400
.055 Dia.
.218
8°
C
.480
.750
.560
.066 Dia.
.320
8°
D
.985
.500
.750
.560
.066 Dia.
.320
8°

0.3" DISPLAYS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Source Color	Description	Wavelength	Typ. Lum. Intensity IF=10mA (µcd)	Price Each		
						1	10	100
512-MAN71A	A	Red	Com. Anode	660	350	1.38	1.18	1.10
512-MAN74A	A	Red	Com. Cath.	660	350	1.38	1.18	1.10
512-MAN3910A	A	Hi-Eff Red	Com. Anode	635	1900	1.68	1.44	1.34
512-MAN3940A	A	Hi-Eff Red	Com. Cath.	635	1900	1.68	1.44	1.34
512-MAN3410A	A	Green	Com. Anode	562	3200	1.75	1.51	1.40
512-MAN3440A	A	Green	Com. Cath.	562	3200	1.75	1.51	1.40
512-MAN3610A	A	Orange	Com. Anode	630	1800	2.13	1.83	1.70
512-MAN3640A	A	Orange	Com. Cath.	630	1800	2.13	1.83	1.70
512-MAN3810A	A	Yellow	Com. Anode	585	1700	2.13	1.83	1.70
512-MAN3840A	A	Yellow	Com. Cath.	585	1700	2.13	1.83	1.70

0.4" DISPLAYS

For quantities greater than listed, call for quote.

512-MAN4710A	B	Red	Com. Anode	660	350	1.40	1.20	1.12
512-MAN4740A	B	Red	Com. Cath.	660	350	1.40	1.20	1.12
512-MAN4910A	B	Hi-Eff Red	Com. Anode	635	1900	2.13	1.83	1.70
512-MAN4940A	B	Hi-Eff Red	Com. Cath.	635	1900	2.13	1.83	1.70
512-MAN4410A	B	Green	Com. Anode	562	3200	2.13	1.83	1.70
512-MAN4440A	B	Green	Com. Cath.	562	3200	2.13	1.83	1.70
512-MAN4610A	B	Orange	Com. Anode	630	1800	2.13	1.83	1.70
512-MAN4640A	B	Orange	Com. Cath.	630	1800	2.13	1.83	1.70

0.56" DISPLAYS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Source Color	Description	Wavelength	Typ. Lum. Intensity IF=10mA (µcd)	Price Each		
						1	10	100
512-MAN6760	C	Red	Com. Anode	650	420	1.75	1.51	1.40
512-MAN6780	C	Red	Com. Cath.	650	420	1.50	1.29	1.20
512-MAN6960	C	Hi-Eff Red	Com. Anode	635	2200	1.88	1.61	1.50
512-MAN6980	C	Hi-Eff Red	Com. Cath.	635	2200	1.88	1.61	1.50
512-MAN6460	C	Green	Com. Anode	562	3300	1.88	1.61	1.50
512-MAN6480	C	Green	Com. Cath.	562	3300	1.88	1.61	1.50
512-MAN6660	C	Orange	Com. Anode	630	2200	1.88	1.61	1.50
512-MAN6680	C	Orange	Com. Cath.	630	2200	1.88	1.61	1.50

0.56" DUAL DIGIT DISPLAYS

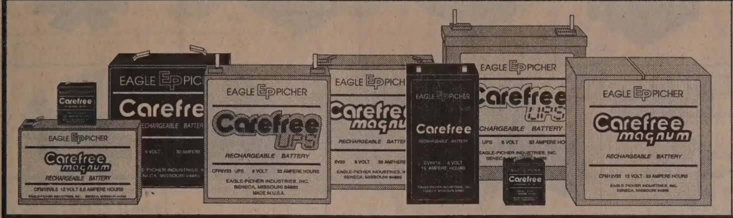
For quantities greater than listed, call for quote.

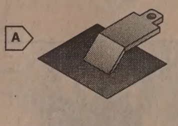
MOUSER STOCK NO.	Fig.	Source Color	Description	Wavelength	Typ. Lum. Intensity IF=10mA (µcd)	Price Each		
						1	10	100
512-MAN6710	D	Red	Com. Anode	650	420	2.13	1.83	1.70
512-MAN6740	D	Red	Com. Cath.	650	420	2.13	1.83	1.70
512-MAN6910	D	Hi-Eff Red	Com. Anode	635	2200	2.38	2.05	1.90
512-MAN6940	D	Hi-Eff Red	Com. Cath.	635	2200	2.38	2.05	1.90
512-MAN6410	D	Green	Com. Anode	562	3300	2.63	2.26	2.10
512-MAN6440	D	Green	Com. Cath.	562	3300	2.63	2.26	2.10
512-MAN6610	D	Orange	Com. Anode	630	2200	2.63	2.26	2.10
512-MAN6640	D	Orange	Com. Cath.	630	2200	2.63	2.26	2.10

Coming Soon:

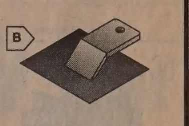
Please contact your sales representative for availability on these products.

EAGLE PICHER Carefree® Sealed Lead Acid Batteries





Tin-plated brass, tab-type
.187" x .031" 15°



Tin-plated brass, tab-type
.250" x .031" 15°

Features:

- Long life / high reliability
- Rechargeable
- Stand-by or cyclic applications
- Delivers rated capacity upon demand
- Performs at rated capacity on first cycle

CAREFREE® CF SERIES, STANDARD, HIGH SERVICE BATTERIES

MOUSER STOCK NO.	Nominal Voltage (V)	Nominal Capacity @ 20 Hr. Rate A.H.	Terminal Type	Dimensions (In.)				Weight (Lbs.)	Price Each		
				Length	Width	Height	Ht. Over Terminal		1	10	50
521-CF6V1/2	6	0.45	A	1.92	1.00	2.00	2.25	0.3	**7.49**	**7.09**	**Call For Quote**
521-CF6V1	6	0.90	A	2.00	1.65	1.97	2.20	0.5	**9.58**	**9.07**	
521-CF6V8	6	8.00	B	6.00	2.00	3.75	3.93	3.9	**15.68**	**14.85**	
521-CF6V9	6	9.00	*	4.25	2.75	5.50	5.50	4.5	**13.87**	**13.14**	
521-CF6V15	6	15.00	B	3.60	3.34	6.49	6.70	6.4	**30.21**	**28.62**	
521-CF12V1/2L	12	0.45	A	3.85	1.00	2.00	2.25	0.6	**16.45**	**15.59**	
521-CF12V1.5	12	1.50	A	7.02	1.33	2.40	2.60	1.9	**27.28**	**25.85**	

*Recessed terminals, negative is .187 Faston, positive is .250 Faston

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HiQ™ Epoxy Conformal Coated Chokes

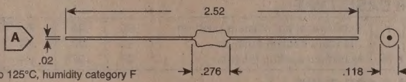
These HiQ choke coils are UL recognized and feature an inductance of 0.15µH to 1000µH, capable of handling currents from 55mA to 1.35 amps. They are more economical than molded chokes and require no more board space than a 1/2 watt resistor. Tape and real, ammo pack, and formed leads are available upon request. Call our full service line, (800) 346-6873 for quotes.

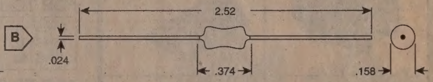
Features:

- EIA color coded
- Axial Leads

Specifications:

- Solderability: According to MIL-STD-202F method 208D
- Operating temperature: IEC climatic category: 55/125/56
  DIN climatic category: FKF: -55 to 125°C, humidity category F





Miniature Choke Coils

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each		
									1	100	500
434-22-R15	A	.15	±20	35	25.2	500.0	.13	1020	**.48**	**.32**	**.26**
434-22-R22	A	.22	±20	35	25.2	420.0	.16	990	**.48**	**.32**	**.26**
434-22-R27	A	.27	±20	35	25.2	380.0	.17	910	**.48**	**.32**	**.26**
434-22-R33	A	.33	±20	35	25.2	330.0	.20	830	**.48**	**.32**	**.26**
434-22-R39	A	.39	±20	35	25.2	300.0	.22	790	**.48**	**.32**	**.26**
434-22-R47	A	.47	±20	35	25.2	280.0	.25	750	**.48**	**.32**	**.26**
434-22-R56	A	.56	±20	35	25.2	260.0	.28	700	**.48**	**.32**	**.26**
434-22-R68	A	.68	±20	35	25.2	240.0	.48	530	**.48**	**.32**	**.26**
434-22-R82	A	.82	±20	35	25.2	230.0	.55	500	**.48**	**.32**	**.26**
434-22-1R0	A	1.00	±10	35	25.2	180.0	.25	630	**.48**	**.32**	**.26**
434-22-1R2	A	1.20	±10	40	7.96	170.0	.25	610	**.48**	**.32**	**.26**
434-22-1R5	A	1.50	±10	40	7.96	150.0	.30	570	**.48**	**.32**	**.26**
434-22-1R8	A	1.80	±10	40	7.96	130.0	.30	540	**.48**	**.32**	**.26**
434-22-2R2	A	2.20	±10	40	7.96	120.0	.35	520	**.48**	**.32**	**.26**
434-22-2R7	A	2.70	±10	40	7.96	110.0	.40	480	**.48**	**.32**	**.26**
434-22-3R3	A	3.30	±10	40	7.96	110.0	.50	420	**.48**	**.32**	**.26**
434-22-3R9	A	3.90	±10	40	7.96	100.0	.55	400	**.48**	**.32**	**.26**
434-22-4R7	A	4.70	±10	40	7.96	90.0	.65	380	**.48**	**.32**	**.26**
434-22-5R6	A	5.60	±10	45	7.96	75.0	1.30	260	**.48**	**.32**	**.26**
434-22-6R8	A	6.80	±10	45	7.96	70.0	1.45	250	**.48**	**.32**	**.26**
434-22-8R2	A	8.20	±10	50	7.96	65.0	1.60	240	**.48**	**.32**	**.26**
434-22-100	A	10.00	±10	50	7.96	60.0	1.70	230	**.48**	**.32**	**.26**
434-22-120	A	12.00	±10	50	2.52	50.0	2.40	190	**.48**	**.32**	**.26**
434-22-150	A	15.00	±10	50	2.52	45.0	2.70	185	**.48**	**.32**	**.26**
434-22-180	A	18.00	±10	60	2.52	14.0	0.81	350	**.48**	**.32**	**.26**
434-22-220	A	22.00	±10	60	2.52	12.0	0.90	335	**.48**	**.32**	**.26**
434-22-270	A	27.00	±10	60	2.52	11.0	1.00	315	**.48**	**.32**	**.26**
434-22-330	A	33.00	±10	60	2.52	10.0	1.12	300	**.48**	**.32**	**.26**
434-22-390	A	39.00	±10	60	2.52	8.5	1.21	285	**.48**	**.32**	**.26**
434-22-470	A	47.00	±10	60	2.52	7.7	2.40	200	**.48**	**.32**	**.26**
434-22-560	A	56.00	±10	60	2.52	6.8	2.60	195	**.48**	**.32**	**.26**
434-22-680	A	68.00	±10	60	2.52	5.7	2.90	185	**.48**	**.32**	**.26**
434-22-820	A	82.00	±10	60	2.52	5.5	3.20	175	**.48**	**.32**	**.26**
434-22-101	A	100.00	±10	60	2.52	5.3	3.50	170	**.48**	**.32**	**.26**
434-22-121	A	120.00	±10	60	0.79	5.0	3.80	160	**.48**	**.32**	**.26**
434-22-151	A	150.00	±10	60	0.79	4.6	4.30	150	**.48**	**.32**	**.26**
434-22-181	A	180.00	±10	60	0.79	4.2	5.30	135	**.48**	**.32**	**.26**
434-22-221	A	220.00	±10	60	0.79	3.8	5.80	130	**.48**	**.32**	**.26**

Miniature Choke Coils (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each		
									1	100	500
434-22-271	A	270.00	±10	60	0.79	3.2	7.80	115	**.48**	**.32**	**.26**
434-22-331	A	330.00	±10	60	0.79	3.0	8.70	105	**.48**	**.32**	**.26**
434-22-391	A	390.00	±10	60	0.79	2.7	11.00	95	**.48**	**.32**	**.26**
434-22-471	A	470.00	±10	60	0.79	2.3	12.00	90	**.48**	**.32**	**.26**
434-22-561	A	560.00	±10	60	0.79	2.2	16.50	75	**.48**	**.32**	**.26**
434-22-681	A	680.00	±10	60	0.79	2.0	22.00	65	**.48**	**.32**	**.26**
434-22-821	A	820.00	±10	60	0.79	1.8	25.00	60	**.48**	**.32**	**.26**
434-22-102	A	1000.00	±10	60	0.79	1.5	33.00	55	**.48**	**.32**	**.26**

Small Choke Coils

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each		
									1	100	500
434-23-R33	B	.33	±20	45	25.2	250.0	0.12	1350	**.48**	**.32**	**.26**
434-23-R47	B	.47	±20	45	25.2	220.0	0.14	1280	**.48**	**.32**	**.26**
434-23-R68	B	.68	±20	45	25.2	200.0	0.16	1225	**.48**	**.32**	**.26**
434-23-1R0	B	1.00	±10	45	25.2	205.0	0.16	1200	**.48**	**.32**	**.26**
434-23-1R5	B	1.50	±10	50	7.96	165.0	0.20	1100	**.48**	**.32**	**.26**
434-23-2R2	B	2.20	±10	55	7.96	140.0	0.25	1000	**.48**	**.32**	**.26**
434-23-3R3	B	3.30	±10	60	7.96	115.0	0.29	900	**.48**	**.32**	**.26**
434-23-4R7	B	4.70	±10	60	7.96	95.0	0.34	820	**.48**	**.32**	**.26**
434-23-6R8	B	6.80	±10	65	7.96	75.0	0.51	670	**.48**	**.32**	**.26**
434-23-100	B	10.00	±10	65	7.96	35.0	0.49	680	**.48**	**.32**	**.26**
434-23-120	B	12.00	±10	50	2.52	30.0	0.55	650	**.48**	**.32**	**.26**
434-23-150	B	15.00	±10	50	2.52	20.0	0.60	610	**.48**	**.32**	**.26**
434-23-180	B	18.00	±10	50	2.52	17.0	0.67	580	**.48**	**.32**	**.26**
434-23-220	B	22.00	±10	50	2.52	13.0	0.74	560	**.48**	**.32**	**.26**
434-23-270	B	27.00	±10	55	2.52	10.0	0.83	530	**.48**	**.32**	**.26**
434-23-330	B	33.00	±10	55	2.52	9.0	0.92	500	**.48**	**.32**	**.26**
434-23-470	B	47.00	±10	40	2.52	7.5	1.10	450	**.48**	**.32**	**.26**
434-23-101	B	100.00	±10	70	0.79	5.0	1.70	370	**.48**	**.32**	**.26**
434-23-151	B	150.00	±10	70	0.79	4.2	2.80	280	**.48**	**.32**	**.26**
434-23-221	B	220.00	±10	70	0.79	3.7	3.30	250	**.48**	**.32**	**.26**
434-23-331	B	330.00	±10	70	0.79	2.7	6.40	190	**.48**	**.32**	**.26**
434-23-471	B	470.00	±10	70	0.79	2.2	7.90	170	**.48**	**.32**	**.26**
434-23-681	B	680.00	±10	55	0.79	1.9	10.00	150	**.48**	**.32**	**.26**
434-23-102	B	1000.00	±10	50	0.79	1.6	14.00	130	**.48**	**.32**	**.26**

Heat Sinks

DIMENSIONS (IN.)

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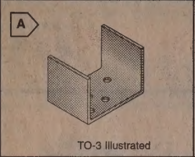

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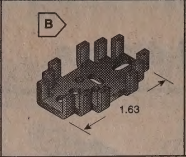

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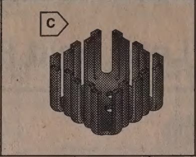

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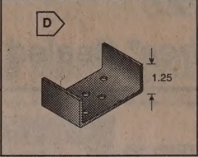

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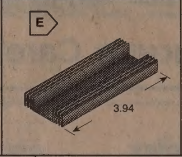

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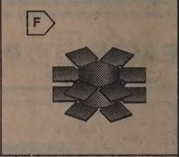

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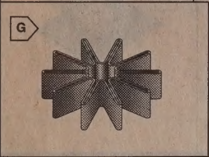

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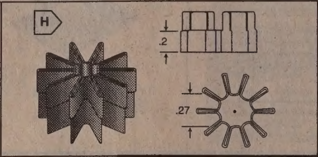

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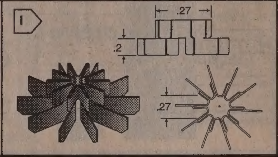

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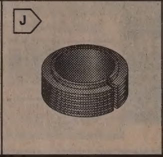

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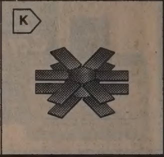

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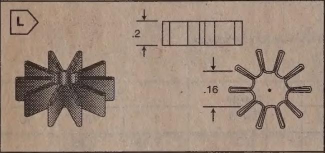

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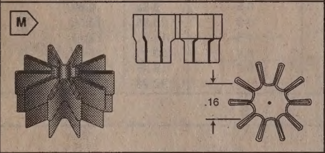

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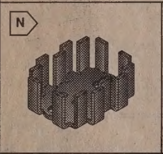

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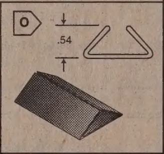

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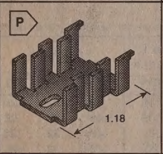

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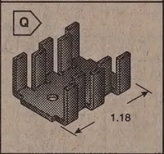

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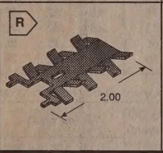

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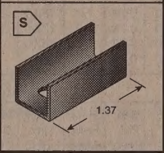

These quality semiconductor coolers are designed to give optimum cooling per unit cost. Their lightweight design and high performance make these heat sinks adaptable to any circuit board application. They are available in all types with varying efficiency ratings.

FOR TO-3 CASE TYPE

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions (In.)		Finish	Price Each			
				H	W		1	10	100	500
33HS301	A	Economical "U" style (with holes)	11	.99	1.38	Matte etched	.65	.43	.39	.36
33HS302	B	Universal mounting for TO-3, TO-66, SOT-9, SOT-32 case styles with offset fins for max. dissipation	14	.50	1.30	Black anodized	1.88	1.56	1.42	1.29
33HS303	B		12	.75	1.30	Black anodized	2.24	1.86	1.19	1.13
33HS304	B		10.5	1.00	1.30	Black anodized	2.34	1.95	1.77	1.61
33HS305	B		9	1.25	1.30	Black anodized	2.52	2.10	1.91	1.74
33HS306	C	Square with offset fins	6	1.00	1.77	Black anodized	2.16	1.79	1.63	1.49
33HS307	C	Square with offset fins	5.0	.91	2.52	Black anodized	3.96	3.34	2.99	2.73
33HS308	C	Square with offset fins	3.9	1.00	3.11	Black anodized	6.45	5.39	4.89	3.87
33HS532	D	Optimum cooler "U" style (w/holes)	14	.54	1.73	Matte black	1.11	.74	.66	.57
33HS262	E	Universal mounting (no hole)	4.2	.59	2.54	Black matte	5.13	4.28	3.89	3.54

FOR TO-5 CASE TYPE

33HS501	F	Economical but efficient push-on	60	.32	.75	Chemically blackened	.36	.24	.22	.20
33HS502	G	Standard cooling push-on	60	.20	.72	Chemically blackened	.79	.61	.55	.50
33HS503	H	Medium cooling push-on	46	.44	.72	Chemically blackened	1.05	.87	.79	.72
33HS504	I	Maximum cooling push-on	33	.44	1.14	Chemically blackened	1.27	1.06	.96	.88
33HS261	J	Push fits onto transistor	85	.25	.5	Matte black	1.38	1.15	1.05	.95

FOR TO-18 CASE TYPE

33HS181	K	Economical but efficient push-on	85	.20	.60	Chemically blackened	.41	.27	.25	.23
33HS182	L	Standard cooling push-on	60	.20	.64	Chemically blackened	1.09	.85	.77	.70
33HS183	M	Maximum cooling push-on	48	.375	.64	Chemically blackened	1.05	.87	.79	.72

FOR TO-66 CASE TYPE

33HS661	A	Economical "U" style (with holes)	11	.99	1.38	Matte etched	.73	.56	.50	.46
33HS662	N	Compact size good cooling	16	.50	1.12	Black anodized	1.20	.97	.88	.79

FOR TO-92 CASE TYPE

33HS921	O	Standard push-on clip	80	.60	.38	Chemically blackened	.44	.22	.20	.18

FOR TO-220 CASE TYPE

33HS221	A	Economical "U" style (with holes)	11	.99	1.38	Matte etched	.65	.43	.39	.36
33HS223	P	Vert. mtg. staggered fins	15	.50	1.00	Black anodized	1.23	1.03	.94	.85
33HS222	Q	Horiz. mtg. staggered fins	15	.50	1.00	Black anodized	1.23	1.03	.94	.85
332-4100	P	Vert. mtg. staggered fins	18	.31	1.00	Black anodized	.97	.81	.74	.67
332-4110	Q	Horiz. mtg. staggered fins	18	.31	1.00	Black anodized	.97	.81	.74	.67
332-4120	R	Maximum cooling style	9	.50	1.38	Black anodized	1.65	1.37	1.25	1.14
332-4130	S	Standard "U" style (with holes)	17	.51	.67	Black anodized	1.65	1.37	1.25	1.14
33HS302	B	Universal mounting for TO-3, TO-66, SOT-9, SOT-32 case styles with offset fins for max. dissipation	14	.50	1.30	Black anodized	1.88	1.56	1.42	1.29
33HS303	B		12	.75	1.30	Black anodized	2.24	1.86	1.19	1.13
33HS304	B		10.5	1.00	1.30	Black anodized	2.34	1.95	1.77	1.61
33HS305	B		9	1.25	1.30	Black anodized	2.52	2.10	1.91	1.74

MOUSER® HEAT SINKS FOR IC'S

These high performance IC heat sinks are available in three designs for different pin configurations. They act as excellent heat dissipators and performance increases when used with thermal conductive adhesive.

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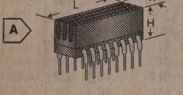

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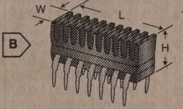

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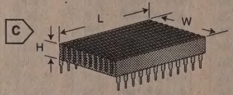


- Black anodized finish
- Attach using thermally conductive adhesive

MOUSER STOCK NO.	Fig.	Contact Pins	Ther Res (°C/W)	Dimensions (In.)			Price Each				
				L	W	H	1	10	100	500	1000
33HS008	A	6-8	83	.33	.25	.19	.58	.39	.35	.32	Call For Quote
33HS016	A	14-16	46	.75	.25	.19	.89	.67	.61	.55	
33HS020	A	20	34	.99	.25	.19	1.32	.99	.92	.84	
33HS116	B	14-16	50	.75	.25	.19	.91	.70	.64	.58	
33HS124	C	24	13	1.30	.75	.19	1.27	.98	.89	.81	
33HS128	C	28	11.5	1.46	.75	.19	1.44	1.19	1.09	.99	
33HS136	C	36	9.5	1.85	.75	.19	1.14	.85	.77	.70	
33HS140	C	40	8.5	2.01	.75	.19	1.83	1.52	1.39	1.26	

MOUSER® THERMALLY CONDUCTIVE ADHESIVE

Thermal conductive adhesive is a high bond strength agent for semiconductors and other materials. It provides an excellent path between an IC and a heat sink. Thermal conductivity is approximately four times that of silicone grease. Will not harden, dry out, or melt after 1,000 hours at 200°C.

MOUSER ELECTRONICS

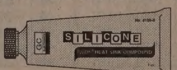
Specifications:

- Volume resisting: 10^{12} Ω/cm
- Minimum dielectric strength: 400V / .03mm
- Temperature range: -60°C to 150°C
- Superior thermal conductivity: 0.002 cal/s x cm x °C

Curing Time	
Temp.	Time
190°C	20 min.
38°C	6 hours
20°C	16-24 hrs.

MOUSER STOCK NO.	Weight	Price Each
33HS001	1.07 oz.	48.79

HEAT SINK COMPOUND



Highest quality silicone grease.
Excellent thermal conductivity.

MOUSER STOCK NO.	Size	Price Each
524-8109-S	1 oz. tube	6.46

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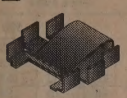
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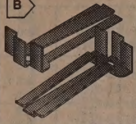
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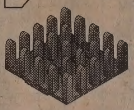
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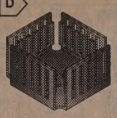
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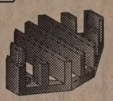
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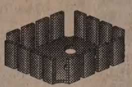
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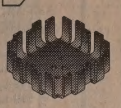
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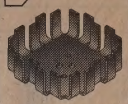
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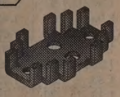
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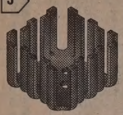
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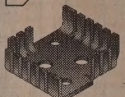
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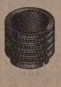
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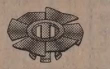
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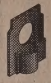
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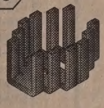
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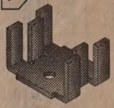

Quality aluminum and brass heat sinks for transistors and integrated circuits. Black anodized finish is corrosion resistant.

FOR B-18/152 CASE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Replaces			Ther Res (°C/W)	Dimensions (In.)	Price Each		
			Aavid	Thermalloy	Wakefield			1	10	100
567-PSC2-3CB	A	Clip-on for plastic case	-----	-----	-----	40.5	0.81 x 0.31 x 1.00	.35	.29	.24
FOR DIP IC CASE										
567-APIC050CB	B	Cooler for DIP 24-40	580700	-----	-----	22.9	2.00 x 0.75 x 0.50	1.68	1.52	.91
FOR PIN GRID ARRAYS										
567-PGA140-1-4CB	C	Omni pin fin design	-----	-----	-----	42	1.40 x 1.40 x 0.30	3.09	2.82	1.69
567-PGA140-2-2CB	C	Pin fin design with hole	-----	-----	-----	42	1.40 x 1.40 x 0.50	5.39	4.91	2.94
567-PGA140-2-4CB	C	Omni pin fin design	-----	-----	-----	42	1.40 x 1.40 x 0.50	3.17	2.88	1.73
FOR TO-3 CASE										
567-7-403-01D	D	Square with staggered fins	------	6053B	------	16	1.78 x 1.78 x 1.00	1.19	1.09	.65
567-7-423-BA	E	Max cooler / min space	542303	-----	------	22	1.56 x 1.062 x 0.50	2.92	2.65	1.59
567-7-425-BA	E	Max cooler / min space	542703	-----	------	16	1.56 x 1.062 x 0.75	2.95	2.68	1.61
567-7-441-01E	F	Tight space cooler	501303	6013B	635-5B2	36	1.90 x 1.40 x 0.50	.79	.72	.43
567-7-442-01E	F	Tight space cooler	501403	6014B	635-75B2	28	1.90 x 1.40 x 0.75	.87	.79	.47
567-7-443-01E	F	Tight space cooler	501503	6015B	635-10B2	25	1.90 x 1.40 x 1.00	.97	.88	.53
567-7-444-01E	F	Tight space cooler	501603	6016B	635-125B2	20	1.90 x 1.40 x 1.25	1.05	.95	.57
567-HP1-TO3-CB	G	Square with offset fins	500203	-----	------	5.4	2.50 x 2.50 x 0.90	2.69	2.45	1.47
567-HP3-TO3-CB	H	Square with offset fins	500303	-----	------	4.4	3.12 x 3.12 x 1.00	3.18	2.89	1.73
567-LAT03B2CB	I	Offset fin for max dis	575603	-----	------	14.1	1.63 x 1.29 x 0.50	1.05	.95	.57
567-LAT03B3CB	I	Offset fin for max dis	575703	-----	------	12.0	1.63 x 1.29 x 0.75	1.12	1.02	.61
567-LAT03B5CB	I	Offset fin for max dis	575903	-----	------	9.3	1.63 x 1.29 x 1.25	1.39	1.27	.76
567-UP-TO3-CB	J	Square with staggered fins	505303	-----	------	7.1	1.78 x 1.78 x 1.00	1.39	1.27	.76
567-UP1-TO3-CB	J	Square with staggered fins	505103	-----	------	10.4	1.78 x 1.78 x 0.50	1.09	.99	.60
567-UP3-TO3-CB	K	Square with straight fins	------	-----	------	13.6	1.50 x 1.38 x 0.44	1.05	.95	.57
FOR TO-5 CASE										
567-7-120-BA	L	Press-on cooler	-----	2228B	-----	35	0.44 x 0.50	.66	.60	.36
FOR TO-18 CASE										
567-TXBF-019-025B	M	Press-on cooler	322400	-----	-----	76.7	0.50 x 0.25	.76	.69	.41
FOR TO-66 CASE										
567-LAD66A2CB	I	Offset fin for max dis	501706	-----	-----	19.7	1.31 x 0.90 x 0.50	.84	.76	.46
FOR TO-92 CASE										
567-RUR-67B1-2CB	N	Freestanding cooler	575400	-----	-----	54.6	0.56 x 0.59	.33	.30	.18
FOR TO-126 CASE										
567-LAE66A2CB	O	Offset fin for max dis	-----	-----	-----	20	1.31 x 0.90 x 0.50	.84	.76	.46
567-LAE66A3CB	O	Offset fin for max dis	-----	-----	-----	17	1.31 x 0.90 x 0.75	.89	.81	.49
567-PA1-1CB	P	Offset fin for max dis	530700	-----	-----	26.8	0.71 x 1.00 x 0.50	.46	.42	.25
567-PB1-36CB	Q	Vert. mount w/ bending tab	523002	-----	-----	20	1.18 x 1.00 x 0.50	.61	.55	.33
567-PSC2-4CB	A	Clip-on for plastic case	577500	-----	-----	40.5	0.81 x 0.31 x 1.00	.35	.29	.24
FOR TO-202 CASE										
567-PSC2-1CB	A	Clip-on for plastic case	574202	-----	-----	40.5	0.81 x 0.31 x 1.00	.35	.29	.24
FOR TO-220 CASE										
567-7-179-BA	R	Light weight / low power	576000	-----	290-2AB	22	0.75 x 0.56 x 0.35	.39	.35	.21
567-7-191-A-BA	S	Economy / low power	530600	6106B-13	290-1AB	22	1.19 x 1.00 x 0.50	.41	.37	.22
567-7-191-B-BA	S	Economy / low power	530600	6106B-14	289-AB	32	1.19 x 1.00 x 0.50	.41	.37	.22
567-7-192-BA	T	Economy / low power	530700	6107B-14	-----	32	1.00 x 0.71 x 0.50	.39	.35	.21
567-7-195-2-BA	U	Low profile cooler	507302	6073B	273-AB	18	0.75 x 0.75 x 0.375	.39	.35	.21
567-7-198-BA	V	Narrow / low profile	504102	-----	-----	24	0.70 x 0.70 x 0.85	.35	.32	.19
567-7-199-BA	W	Economy / low power	504202	-----	-----	18	1.45 x 0.70 x 0.85	.56	.51	.31
567-7-320-BA	X	Winged / low profile	507222	6072B	272-AB	10	1.45 x 1.75 x 0.375	.43	.39	.24
567-7-321-BA	Y	Winged / low profile	507002	6070B	270-AB	20	0.682 x 1.75 x 0.375	.39	.35	.21
567-7-323-BA	Y	Winged / low profile	507102	6071B	271-AB	21	0.682 x 1.75 x 0.50	.41	.37	.22
567-7-338-1PP	Z	Extrusion with pins	531102	6099B	637-15-ABP	35	1.38 x 0.50 x 1.50	1.31	1.10	.67
567-7-338-3PP	Z	Extrusion with pins	531202	6100B	637-20-ABP	21	1.38 x 0.50 x 2.00	1.53	1.28	.78
567-7-338-4PP	Z	Extrusion with pins	531302	-----	637-25-ABP	17	1.38 x 0.50 x 2.50	1.57	1.43	.86
567-7-340-1PP	AA	Low power extrusion	62365	-----	-----	41	0.75 x 1.15 x 0.46	.76	.69	.42
567-7-361-BA	BB	Staggered fins / low power	-----	-----	-----	21	0.71 x 0.80 x 0.50	.39	.35	.21
567-7-370-BA	CC	Staggered fins / low power	-----	-----	-----	11	1.00 x 0.85 x 0.75	.41	.37	.22
567-7-371-BA	DD	Staggered fins / low power	-----	-----	-----	10	1.39 x 1.00 x 0.50	.46	.42	.25
567-7-373-BA	EE	Staggered fins / low power	-----	-----	-----	12	0.776 x 1.00 x 0.50	.39	.35	.21
567-PSC2-2CB	A	Clip-on for plastic case	574102	-----	-----	41.7	0.81 x 0.31 x 1.00	.35	.29	.24
567-LAT0127B3CB	FF	Offset fin for max dis	-----	-----	-----	12.9	1.63 x 1.29 x 0.75	1.12	1.02	.61

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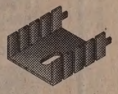
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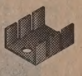
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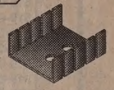
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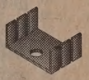
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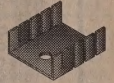
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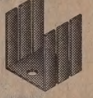
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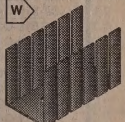
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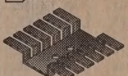
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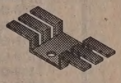
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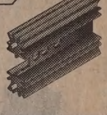
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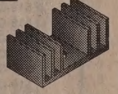
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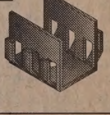
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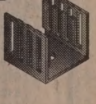
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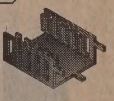
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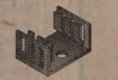
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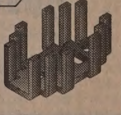
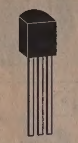


TECCOR
TECCOR ELECTRONICS INC

Triacs



TO-92

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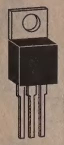

Thermotab®
TO-220AB

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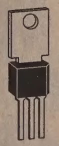

TO-202AB

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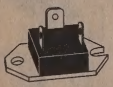
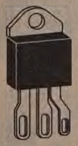


TO-3 Base
Fastpak™

D



TO-218X

E

Logic Triacs (1.0 to 8.0 Amps)

Package Type: **I** = Isolated Case **N** = Non-Isolated Case * File # E71639 For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	IGT Max. (mA)	IDRM @ 25°C Max. (mA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
* 519-L201E3	A	TO-92	I	1.0	200	3	0.01	1.6	2.0	0.2	2.5	.97	.77	.65
* 519-L401E3	A	TO-92	I	1.0	400	3	0.01	1.6	2.0	0.2	2.5	1.12	.91	.73
* 519-L601E3	A	TO-92	I	1.0	600	3	0.01	1.6	2.0	0.2	2.5	1.28	1.03	.86
* 519-L201E5	A	TO-92	I	1.0	200	5	0.01	1.6	2.0	0.2	2.5	.88	.70	.59
* 519-L401E5	A	TO-92	I	1.0	400	5	0.01	1.6	2.0	0.2	2.5	.97	.78	.73
* 519-L601E5	A	TO-92	I	1.0	600	5	0.01	1.6	2.0	0.2	2.5	1.13	.90	.75
* 519-L2004L3	B	TO-220AB	I	4.0	200	3	0.01	1.6	2.0	0.3	2.5	1.96	1.57	1.31
* 519-L4004L3	B	TO-220AB	I	4.0	400	3	0.01	1.6	2.0	0.3	2.5	2.09	1.67	1.40
* 519-L6004L3	B	TO-220AB	I	4.0	600	3	0.01	1.6	2.0	0.3	2.5	2.43	1.94	1.62
519-L2004F31	C	TO-202AB	N	4.0	200	3	0.01	1.6	2.0	0.3	2.5	1.22	.97	.81
519-L4004F31	C	TO-202AB	N	4.0	400	3	0.01	1.6	2.0	0.3	2.5	1.33	1.06	.89
519-L6004F31	C	TO-202AB	N	4.0	600	3	0.01	1.6	2.0	0.3	2.5	1.53	1.22	1.02
519-L2004F51	C	TO-202AB	N	4.0	200	5	0.01	1.6	2.0	0.3	2.5	1.13	.90	.75
519-L4004F51	C	TO-202AB	N	4.0	400	5	0.01	1.6	2.0	0.3	2.5	1.19	.95	.80
519-L6004F51	C	TO-202AB	N	4.0	600	5	0.01	1.6	2.0	0.3	2.5	1.37	1.10	.92
519-L2008L6	B	TO-220AB	I	8.0	200	5	0.02	1.6	2.0	0.4	2.5	1.85	1.48	1.23
519-L4008L6	B	TO-220AB	I	8.0	400	5	0.02	1.6	2.0	0.4	2.5	1.98	1.58	1.32
519-L6008L6	B	TO-220AB	I	8.0	600	5	0.02	1.6	2.0	0.4	2.5	2.23	1.78	1.50

Gated Triacs (1.0 to 40.0 Amps)

Package Type: **I** = Isolated Case **N** = Non-Isolated Case * File # E71639 For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	IGT Max. (mA)	IDRM @ 25°C Max. (mA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
* 519-Q200E3	A	TO-92	I	1.0	200	10	0.02	1.6	2.0	0.2	2.5	.74	.59	.50
* 519-Q401E3	A	TO-92	I	1.0	400	10	0.02	1.6	2.0	0.2	2.5	1.13	.90	.75
* 519-Q501E3	A	TO-92	I	1.0	500	10	0.02	1.6	2.0	0.2	2.5	1.20	.95	.80
* 519-Q601E3	A	TO-92	I	1.0	600	10	0.02	1.6	2.0	0.2	2.5	1.27	1.02	.85
* 519-Q2004L3	B	TO-220AB	I	4.0	200	10	0.05	1.6	2.0	0.3	2.5	1.60	1.28	1.07
* 519-Q4004L3	B	TO-220AB	I	4.0	400	10	0.05	1.6	2.0	0.3	2.5	1.73	1.39	1.13
* 519-Q5004L3	B	TO-220AB	I	4.0	500	10	0.05	1.6	2.0	0.3	2.5	1.76	1.44	1.15
* 519-Q6004L3	B	TO-220AB	I	4.0	600	10	0.05	1.6	2.0	0.3	2.5	2.43	1.94	1.62
* 519-Q2004L4	B	TO-220AB	I	4.0	200	25	0.05	1.6	2.5	0.3	3.0	1.38	1.12	.90
* 519-Q4004L4	B	TO-220AB	I	4.0	400	25	0.05	1.6	2.5	0.3	3.0	1.51	1.23	.98
* 519-Q5004L4	B	TO-220AB	I	4.0	500	25	0.05	1.6	2.5	0.3	3.0	1.63	1.33	1.06
* 519-Q6004L4	B	TO-220AB	I	4.0	600	25	0.05	1.6	2.5	0.3	3.0	1.78	1.45	1.16
519-Q2004F31	C	TO-202AB	N	4.0	200	10	0.05	1.6	2.0	0.3	2.5	1.01	.81	.68
519-Q4004F31	C	TO-202AB	N	4.0	400	10	0.05	1.6	2.0	0.3	2.5	1.08	.86	.72
519-Q5004F31	C	TO-202AB	N	4.0	500	10	0.05	1.6	2.0	0.3	2.5	1.16	.95	.76
519-Q6004F31	C	TO-202AB	N	4.0	600	10	0.05	1.6	2.0	0.3	2.5	1.53	1.22	1.02
519-Q2004F41	C	TO-202AB	N	4.0	200	25	0.05	1.6	2.5	0.3	3.0	.95	.75	.62
519-Q4004F41	C	TO-202AB	N	4.0	400	25	0.05	1.6	2.5	0.3	3.0	1.03	.84	.67
* 519-Q2006L4	B	TO-220AB	I	6.0	200	25	0.05	1.6	2.5	0.5	3.0	1.57	1.28	1.02
* 519-Q4006L4	B	TO-220AB	I	6.0	400	25	0.05	1.6	2.5	0.5	3.0	1.70	1.38	1.11
* 519-Q2008L4	B	TO-220AB	I	8.0	200	25	0.05	1.6	2.5	0.5	3.0	1.64	1.31	1.10
* 519-Q4008L4	B	TO-220AB	I	8.0	400	25	0.05	1.6	2.5	0.5	3.0	1.80	1.44	1.20
* 519-Q5008L4	B	TO-220AB	I	8.0	500	25	0.05	1.6	2.5	0.5	3.0	1.94	1.58	1.26
* 519-Q6008L5	B	TO-220AB	I	8.0	600	25	0.05	1.6	2.5	0.5	3.0	2.00	1.60	1.34
519-Q2008F41	C	TO-202AB	N	8.0	200	25	0.05	1.6	2.5	0.5	3.0	1.26	1.00	.84
519-Q2008R4	B	TO-220AB	N	8.0	200	25	0.05	1.6	2.5	0.5	3.0	1.35	1.10	.88
519-Q4008R4	B	TO-220AB	N	8.0	400	25	0.05	1.6	2.5	0.5	3.0	1.46	1.17	.95
519-Q5008R4	B	TO-220AB	N	8.0	500	25	0.05	1.6	2.5	0.5	3.0	1.57	1.28	1.02
519-Q6008R5	B	TO-220AB	N	8.0	600	50	0.05	1.6	2.5	0.5	3.0	1.62	1.30	1.08
* 519-Q2010L5	B	TO-220AB	I	10.0	200	50	0.05	1.6	2.5	0.5	3.0	1.73	1.39	1.16
* 519-Q4010L5	B	TO-220AB	I	10.0	400	50	0.05	1.6	2.5	0.5	3.0	1.87	1.52	1.22
* 519-Q5010L5	B	TO-220AB	I	10.0	500	50	0.05	1.6	2.5	0.5	3.0	2.11	1.72	1.37
* 519-Q6010L5	B	TO-220AB	I	10.0	600	50	0.05	1.6	2.5	0.5	3.0	2.27	1.82	1.52
519-Q2010R5	B	TO-220AB	N	10.0	200	50	0.05	1.6	2.5	0.5	3.0	1.64	1.31	1.10
519-Q4010R5	B	TO-220AB	N	10.0	400	50	0.05	1.6	2.5	0.5	3.0	1.82	1.46	1.22
519-Q5010R5	B	TO-220AB	N	10.0	500	50	0.05	1.6	2.5	0.5	3.0	1.96	1.59	1.27
519-Q6010R5	B	TO-220AB	N	10.0	600	50	0.05	1.6	2.5	0.5	3.0	2.12	1.69	1.41
* 519-Q2015L5	B	TO-220AB	I	15.0	200	50	0.05	1.6	2.5	0.5	4.0	2.14	1.71	1.43
* 519-Q4015L5	B	TO-220AB	I	15.0	400	50	0.05	1.6	2.5	0.5	4.0	2.34	1.87	1.56
* 519-Q5015L5	B	TO-220AB	I	15.0	500	50	0.05	1.6	2.5	0.5	4.0	2.52	2.05	1.64
* 519-Q6015L5	B	TO-220AB	I	15.0	600	50	0.05	1.6	2.5	0.5	4.0	2.72	2.18	1.82
519-Q2015R5	B	TO-220AB	N	15.0	200	50	0.05	1.6	2.5	0.5	4.0	1.98	1.58	1.32
519-Q4015R5	B	TO-220AB	N	15.0	400	50	0.05	1.6	2.5	0.5	4.0	2.21	1.76	1.47
519-Q5015R5	B	TO-220AB	N	15.0	500	50	0.05	1.6	2.5	0.5	4.0	2.34	1.91	1.53
519-Q6015R5	B	TO-220AB	N	15.0	600	50	0.05	1.6	2.5	0.5	4.0	2.54	2.03	1.70
* 519-Q2025L6	B	TO-220AB	I	25.0	200	80	0.1	1.8	2.5	0.5	4.0	4.25	3.40	2.84
* 519-Q4025L6	B	TO-220AB	I	25.0	400	80	0.1	1.8	2.5	0.5	4.0	4.68	3.74	3.12
* 519-Q5025L6	B	TO-220AB	I	25.0	500	80	0.1	1.8	2.5	0.5	4.0	5.00	4.08	3.26
* 519-Q6025L6	B	TO-220AB	I	25.0	600	80	0.1	1.8	2.5	0.5	4.0	5.40	4.32	3.60
519-Q2025R6	B	TO-220AB	N	25.0	200	80	0.1	1.8	2.5	0.5	4.0	3.80	3.04	2.54
519-Q4025R6	B	TO-220AB	N	25.0	400	80	0.1	1.8	2.5	0.5	4.0	4.16	3.33	2.78
519-Q5025R6	B	TO-220AB	N	25.0	500	80	0.1	1.8	2.5	0.5	4.0	4.45	3.62	2.90
519-Q6025R6	B	TO-220AB	N	25.0	600	80	0.1	1.8	2.5	0.5	4.0	4.82	3.85	3.21
519-Q2025P	D	Fastpak	I	25.0	200	80	0.1	1.8	2.5	0.8	4.0	8.53	6.82	5.69
519-Q4025P	D	Fastpak	I	25.0	400	80	0.1	1.8	2.5	0.8	4.0	9.45	7.56	6.30
519-Q5025P	D	Fastpak	I	25.0	500	80	0.1	1.8	2.5	0.8	4.0	10.13	8.24	6.59
519-Q6025P	D	Fastpak	I	25.0	600	80	0.1	1.8	2.5	0.8	4.0	10.96	8.76	7.31
519-Q2040P	D	Fastpak	I	25.0	200	100	0.2	1.8	2.5	0.8	5.0	10.28	8.23	6.86
519-Q4040P	D	Fastpak	I	40.0	400	100	0.2	1.8	2.5	0.8	5.0	11.43	9.14	7.62
519-Q5040P	D	Fastpak	I	40.0	500	100	0.2	1.8	2.5	0.8	5.0	12.26	9.98	7.98
519-Q6040P	D	Fastpak	I	40.0	600	100	0.2	1.8	2.5	0.8	5.0	13.28	10.62	8.85
519-Q2040J7	E	TO-218X	I	40.0	200	100	0.2	1.8	2.5	0.8	5.0	7.58	6.07	5.06
519-Q4040J7	E	TO-218X	I	40.0	400	100	0.2	1.8	2.5	0.8	5.0	8.44	6.75	5.63
519-Q5040J7	E	TO-218X	I	40.0	500	100	0.2	1.8	2.5	0.8	5.0	9.05	7.37	5.89
519-Q6040J7	E	TO-218X	I	40.0	600	100	0.2	1.8	2.5	0.8	5.0	9.77	7.81	6.51

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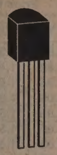
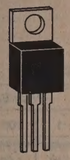
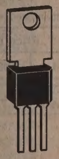
SCRs


TO-92

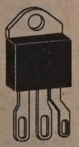
A


Thermotab®
TO-220AB

B


TO-202AB

C


TO-218X

D

Sensitive SCRs (0.8 to 10 Amps)

Package Type: I = Isolated Case N = Non-Isolated Case

* File # 71639

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM & VRRM Min. (V)	IDRM & IRRM@25°C Max. (µA)	IGT Max. (µA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
*519-EC103A	A	TO-92	I	0.8	100	1.0	200	1.7	0.8	0.1	2.2	.45	.37	.29
*519-EC103B	A	TO-92	I	0.8	200	1.0	200	1.7	0.8	0.1	2.2	.50	.40	.33
*519-EC103C	A	TO-92	I	0.8	300	1.0	200	1.7	0.8	0.1	2.2	.52	.42	.34
*519-EC103D	A	TO-92	I	0.8	400	1.0	200	1.7	0.8	0.1	2.2	.54	.43	.36
*519-EC103M	A	TO-92	I	0.8	600	2.0	200	1.7	0.8	0.1	2.2	.63	.50	.42
*519-EC103A1	A	TO-92	I	0.8	100	1.0	12	1.7	0.8	0.1	2.0	.52	.42	.34
*519-EC103B2	A	TO-92	I	0.8	200	1.0	50	1.7	0.8	0.1	2.0	.54	.44	.35
*519-2N5060	A	TO-92	I	0.8	30	1.0	200	1.7	0.8	0.1	2.2	.52	.41	.35
*519-2N5061	A	TO-92	I	0.8	60	1.0	200	1.7	0.8	0.1	2.2	.52	.42	.34
*519-2N5062	A	TO-92	I	0.8	100	1.0	200	1.7	0.8	0.1	2.2	.52	.42	.34
*519-2N5063	A	TO-92	I	0.8	150	1.0	200	1.7	0.8	0.1	2.2	.56	.46	.36
*519-2N5064	A	TO-92	I	0.8	200	1.0	200	1.7	0.8	0.1	2.2	.59	.47	.39
*519-TCR22-2	A	TO-92	I	1.5	50	1.0	200	1.5	0.8	0.1	2.2	.54	.43	.36
*519-TCR22-3	A	TO-92	I	1.5	100	1.0	200	1.5	0.8	0.1	2.2	.54	.43	.36
*519-TCR22-4	A	TO-92	I	1.5	200	1.0	200	1.5	0.8	0.1	2.2	.59	.47	.39
*519-TCR22-6	A	TO-92	I	1.5	400	1.0	200	1.5	0.8	0.1	2.2	.68	.54	.45
*519-TCR22-8	A	TO-92	I	1.5	600	2.0	200	1.5	0.8	0.1	2.2	.74	.59	.50
*519-S2003LS1	B	TO-220AB	I	3.0	200	1.0	50	1.6	0.8	0.1	2.0	1.14	.93	.74
*519-S1003LS2	B	TO-220AB	I	3.0	100	1.0	200	1.6	0.8	0.1	2.0	1.10	.89	.71
*519-S2003LS2	B	TO-220AB	I	3.0	200	1.0	200	1.6	0.8	0.1	2.0	1.12	.91	.73
*519-S4003LS2	B	TO-220AB	I	3.0	400	1.0	200	1.6	0.8	0.1	2.0	1.19	.95	.80
519-T106F1	C	TO-202AB	N	4.0	50	2.0	200	2.2	0.8	0.1	2.2	.71	.58	.46
519-T106A1	C	TO-202AB	N	4.0	100	2.0	200	2.2	0.8	0.1	2.2	.70	.56	.47
519-T106B1	C	TO-202AB	N	4.0	200	2.0	200	2.2	0.8	0.1	2.2	.74	.59	.50
519-T106C1	C	TO-202AB	N	4.0	300	2.0	200	2.2	0.8	0.1	2.2	.77	.63	.50
519-T106D1	C	TO-202AB	N	4.0	400	2.0	200	2.2	0.8	0.1	2.2	.81	.65	.54
519-T106M1	C	TO-202AB	N	4.0	600	2.0	200	2.2	0.8	0.1	2.2	1.01	.81	.68
*519-S1008LS2	B	TO-220AB	I	8.0	100	0.005	200	1.6	0.8	0.1	2.2	1.33	1.09	.87
*519-S2008LS2	B	TO-220AB	I	8.0	200	0.005	200	1.6	0.8	0.1	2.2	1.38	1.12	.90
*519-S4008LS2	B	TO-220AB	I	8.0	400	0.005	200	1.6	0.8	0.1	2.2	1.51	1.21	1.00
519-S4008FS21	C	TO-202AB	N	8.0	400	0.005	200	1.6	0.8	0.1	2.2	1.17	.94	.78
*519-S2010LS2	B	TO-220AB	I	10.0	200	0.005	200	1.6	0.8	0.1	2.2	1.46	1.19	.95
*519-S4010LS2	B	TO-220AB	I	10.0	400	0.005	200	1.6	0.8	0.1	2.2	1.58	1.26	1.05
519-S1010FS21	C	TO-202AB	N	10.0	100	0.005	200	1.6	0.8	0.1	2.2	1.18	.96	.77
519-S2010FS21	C	TO-202AB	N	10.0	200	0.005	200	1.6	0.8	0.1	2.2	1.23	1.00	.80
519-S4010FS21	C	TO-202AB	N	10.0	400	0.005	200	1.6	0.8	0.1	2.2	1.33	1.06	.89

Non-Sensitive SCRs (1.0 to 70.0 Amps)

Package Type: I = Isolated Case N = Non-Isolated Case

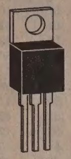
* File # 71639

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM & VRRM Min. (V)	IDRM & IRRM@25°C Max. (mA)	IGT Max. (mA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
*519-S101E	A	TO-92	I	1.0	100	0.01	10	1.6	1.5	0.3	2.0	.61	.49	.41
*519-S201E	A	TO-92	I	1.0	200	0.01	10	1.6	1.5	0.3	2.0	.63	.50	.42
*519-S401E	A	TO-92	I	1.0	400	0.01	10	1.6	1.5	0.3	2.0	.68	.54	.45
*519-S601E	A	TO-92	I	1.0	600	0.01	10	1.6	1.5	0.3	2.0	.79	.63	.53
*519-S1006L	B	TO-220AB	I	6.0	100	0.01	15	1.6	1.5	0.5	2.0	1.16	.95	.76
*519-S2006L	B	TO-220AB	I	6.0	200	0.01	15	1.6	1.5	0.5	2.0	1.22	.97	.81
*519-S4006L	B	TO-220AB	I	6.0	400	0.01	15	1.6	1.5	0.5	2.0	1.31	1.07	.85
*519-S6006L	B	TO-220AB	I	6.0	600	0.01	15	1.6	1.5	0.5	2.0	1.51	1.21	1.00
*519-S1008L	B	TO-220AB	I	8.0	100	0.01	15	1.6	1.5	0.5	2.0	1.27	1.03	.83
*519-S2008L	B	TO-220AB	I	8.0	200	0.01	15	1.6	1.5	0.5	2.0	1.31	1.04	.87
*519-S4008L	B	TO-220AB	I	8.0	400	0.01	15	1.6	1.5	0.5	2.0	1.42	1.13	.95
*519-S6008L	B	TO-220AB	I	8.0	600	0.01	15	1.6	1.5	0.5	2.0	1.64	1.31	1.10
519-S1008R	B	TO-220AB	N	8.0	100	0.01	15	1.6	1.5	0.5	2.0	1.14	.93	.74
519-S2008R	B	TO-220AB	N	8.0	200	0.01	15	1.6	1.5	0.5	2.0	1.17	.94	.78
519-S4008R	B	TO-220AB	N	8.0	400	0.01	15	1.6	1.5	0.5	2.0	1.26	1.01	.84
519-S6008R	B	TO-220AB	N	8.0	600	0.01	15	1.6	1.5	0.5	2.0	1.46	1.17	.98
*519-S1010L	B	TO-220AB	I	10.0	100	0.01	15	1.6	1.5	0.5	2.0	1.33	1.09	.87
*519-S2010L	B	TO-220AB	I	10.0	200	0.01	15	1.6	1.5	0.5	2.0	1.38	1.12	.90
*519-S4010L	B	TO-220AB	I	10.0	400	0.01	15	1.6	1.5	0.5	2.0	1.49	1.19	.99
*519-S6010L	B	TO-220AB	I	10.0	600	0.01	15	1.6	1.5	0.5	2.0	1.71	1.37	1.14
519-S1012R	B	TO-220AB	N	12.0	100	0.01	20	1.6	1.5	0.5	2.0	1.29	1.05	.84
519-S2012R	B	TO-220AB	N	12.0	200	0.01	20	1.6	1.5	0.5	2.0	1.33	1.09	.87
519-S4012R	B	TO-220AB	N	12.0	400	0.01	20	1.6	1.5	0.5	2.0	1.42	1.13	.95
519-S6012R	B	TO-220AB	N	12.0	600	0.01	20	1.6	1.5	0.5	2.0	1.67	1.33	1.11
*519-S1015L	B	TO-220AB	I	15.0	100	0.01	30	1.6	1.5	0.6	2.0	1.59	1.30	1.04
*519-S2015L	B	TO-220AB	I	15.0	200	0.01	30	1.6	1.5	0.6	2.0	1.63	1.33	1.06
*519-S4015L	B	TO-220AB	I	15.0	400	0.01	30	1.6	1.5	0.6	2.0	1.76	1.40	1.17
*519-S6015L	B	TO-220AB	I	15.0	600	0.01	30	1.6	1.5	0.6	2.0	2.05	1.64	1.37
*519-S1020L	B	TO-220AB	I	20.0	100	0.01	30	1.6	1.5	0.6	2.0	1.91	1.56	1.25
*519-S2020L	B	TO-220AB	I	20.0	200	0.01	30	1.6	1.5	0.6	2.0	1.98	1.61	1.29
*519-S4020L	B	TO-220AB	I	20.0	400	0.01	30	1.6	1.5	0.6	2.0	2.12	1.69	1.41
*519-S6020L	B	TO-220AB	I	20.0	600	0.01	30	1.6	1.5	0.6	2.0	2.30	1.84	1.53
*519-S1025L	B	TO-220AB	I	25.0	100	0.01	30	1.6	1.5	0.8	2.0	2.43	1.98	1.58
*519-S2025L	B	TO-220AB	I	25.0	200	0.01	30	1.6	1.5	0.8	2.0	2.52	2.05	1.64
*519-S4025L	B	TO-220AB	I	25.0	400	0.01	30	1.6	1.5	0.8	2.0	2.72	2.18	1.82
*519-S6025L	B	TO-220AB	I	25.0	600	0.01	30	1.6	1.5	0.8	2.0	2.93	2.34	1.95
519-S1055W	D	TO-218X	N	55.0	100	0.01	40	1.8	1.5	0.8	2.5	4.75	3.87	3.09
519-S2055W	D	TO-218X	N	55.0	200	0.01	40	1.8	1.5	0.8	2.5	4.92	4.00	3.21
519-S4055W	D	TO-218X	N	55.0	400	0.01	40	1.8	1.5	0.8	2.5	5.38	4.30	3.59
519-S6055W	D	TO-218X	N	55.0	600	0.01	40	1.8	1.5	0.8	2.5	6.26	5.00	4.17
*519-S1065J	B	TO-220AB	I	65.0	100	0.02	50	1.8	2.0	1.0	2.5	6.67	5.43	4.34
*519-S2065J	B	TO-220AB	I	65.0	200	0.02	50	1.8	2.0	1.0	2.5	6.84	5.57	4.45
*519-S4065J	B	TO-220AB	I	65.0	400	0.02	50	1.8	2.0	1.0	2.5	7.63	6.78	5.09
*519-S6065J	B	TO-220AB	I	65.0	600	0.02	50	1.8	2.0	1.0	2.5	8.69	6.94	5.79
519-S1070W	D	TO-218X	N	70.0	100	0.02	50	1.8	2.0	1.0	2.5	5.72	4.66	3.72
519-S2070W	D	TO-218X	N	70.0	200	0.02	50	1.8	2.0	1.0	2.5	5.87	4.78	3.82
519-S4070W	D	TO-218X	N	70.0	400	0.02	50	1.8	2.0	1.0	2.5	6.28	5.02	4.19
519-S6070W	D	TO-218X	N	70.0	600	0.02	50	1.8	2.0	1.0	2.5	7.29	5.83	4.86

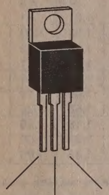
TECCOR Semiconductors

TECCOR ELECTRONICS INC



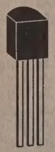
Thermotab®
TO-220AB

A



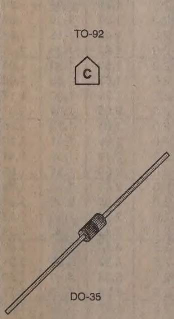
TO-220AB

B



TO-92

C



DO-35

D

QUADRAC
(Internally Triggered Triacs (4.0 to 15.0 Amps)

Package Type: **I** = Isolated Case **N** = Non-Isolated Case

* File # 71639

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	IDRM @25°C Max. (mA)	VTM @ 25°C Max. (V)	VBO (Min/Max) (V)	CT Max. (µF)	IH Max. (mA)	tgt Max. (µSec)	Price Each 1	100	500
*	**519-Q2004LT**	A	TO-220AB	I	4.0	200	0.05	1.6	33 / 43	0.1	40	3.0	**1.69**	**1.35**	**1.13**
*	**519-Q4004LT**	A	TO-220AB	I	4.0	400	0.05	1.6	33 / 43	0.1	40	3.0	**1.82**	**1.46**	**1.22**
*	**519-Q5004LT**	A	TO-220AB	I	4.0	500	0.05	1.6	33 / 43	0.1	40	3.0	**1.94**	**1.58**	**1.26**
*	**519-Q6004LT**	A	TO-220AB	I	4.0	600	0.05	1.6	33 / 43	0.1	40	3.0	**2.09**	**1.67**	**1.40**
*	**519-Q4006LT**	A	TO-220AB	I	6.0	400	0.05	1.6	33 / 43	0.1	50	3.0	**1.96**	**1.59**	**1.27**
*	**519-Q2008LT**	A	TO-220AB	I	8.0	200	0.05	1.6	33 / 43	0.1	60	3.0	**1.85**	**1.51**	**1.20**
*	**519-Q4008LT**	A	TO-220AB	I	8.0	400	0.05	1.6	33 / 43	0.1	60	3.0	**2.03**	**1.62**	**1.35**
*	**519-Q5008LT**	A	TO-220AB	I	8.0	500	0.05	1.6	33 / 43	0.1	60	3.0	**2.15**	**1.75**	**1.40**
*	**519-Q6008LT**	A	TO-220AB	I	8.0	600	0.05	1.6	33 / 43	0.1	60	3.0	**2.34**	**1.87**	**1.56**
*	**519-Q2010LT**	A	TO-220AB	I	10.0	200	0.05	1.6	33 / 43	0.1	60	3.0	**2.06**	**1.68**	**1.34**
*	**519-Q4010LT**	A	TO-220AB	I	10.0	400	0.05	1.6	33 / 43	0.1	60	3.0	**2.30**	**1.87**	**1.50**
*	**519-Q2015LT**	A	TO-220AB	I	15.0	200	0.05	1.6	33 / 43	0.1	70	3.0	**2.45**	**2.00**	**1.60**
*	**519-Q4015LT**	A	TO-220AB	I	15.0	400	0.05	1.6	33 / 43	0.1	70	3.0	**2.70**	**2.16**	**1.80**
*	**519-Q5015LT**	A	TO-220AB	I	15.0	500	0.05	1.6	33 / 43	0.1	70	3.0	**2.88**	**2.35**	**1.88**
*	**519-Q6015LT**	A	TO-220AB	I	15.0	600	0.05	1.6	33 / 43	0.1	70	3.0	**3.08**	**2.47**	**2.06**

POWER RECTIFIERS

These Teccor power rectifiers come in an electrically-isolated TO-220 package, which allows them to be used in common anode or common cathode circuits using only one part type, thereby simplifying customer's stock requirements.

Features:

- Electrically-isolated packages
- Glass-passivated junctions
- High voltage capabilities
- High surge capabilities

* File # 71639

Package Type: **I** = Isolated Case **N** = Non-Isolated Case

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IF RMS Max. (A)	VRRM Min. (V)	VR Min. (V)	IF (AV) Max. (A)	IFSM @ 60Hz Max. (A)	IRM @ 25°C Max. (V)	VFM Max. (V)	I2t A2 (Sec)	Price Each 1	100	500
*	**519-D2015L**	B	TO-220AB	I	15.0	200	200	9.5	225	0.1	1.6	210	**1.46**	**1.19**	**.95**
*	**519-D4015L**	B	TO-220AB	I	15.0	400	400	9.5	225	0.1	1.6	210	**1.61**	**1.31**	**1.05**
*	**519-D6015L**	B	TO-220AB	I	15.0	600	600	9.5	225	0.1	1.6	210	**1.85**	**1.51**	**1.20**
*	**519-D2020L**	B	TO-220AB	I	20.0	200	200	12.7	300	0.1	1.6	374	**1.61**	**1.31**	**1.05**

SIDACS

These sidacs are a silicon bilateral voltage triggered switch with greater power handling capabilities than standard diacs. Upon application of a voltage exceeding the sidac breakover voltage point, the sidac switches on through a negative resistance region to a low on-state voltage. Conduction will continue until the current is interrupted or drops below the minimum holding current of the device.

Features:

- AC circuit oriented
- High surge current capabilities
- Glass-passivated junctions

Applications:

- High voltage lamp ignitors
- Natural gas ignitors
- Gas oil ignitors
- High voltage power supplies
- Over voltage protector
- Pulse generators

Package Type: **I** = Isolated Case **N** = Non-Isolated Case

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	V(BO) (V)		IDRM Max. (µA)	IBO Max. (µA)	IH (mA)		Price Each		
						Min.	Max.			Min.	Max.	1	100	500
519-K1200E	C	TO-92	I	1.0	±90	110	125	10	20	60	150	**.95**	**.77**	**.62**
519-K1300E	C	TO-92	I	1.0	±90	120	138	10	20	60	150	**.95**	**.77**	**.62**

BILATERAL TRIGGER DIACS

These bilateral trigger diacs are a full-wave or bi-directional thyristor. It is triggered from a blocking-to-conduction state for either polarity of applied voltage whenever the amplitude of applied voltage exceeds the breakover voltage rating of the diac.

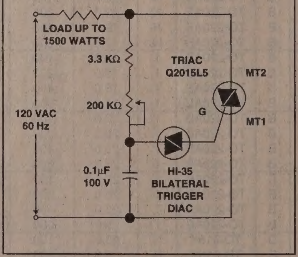
Features:

- Glass-chip passivation
- DO-35 trigger package
- Pre-tinned leads
- Wide voltage range selections

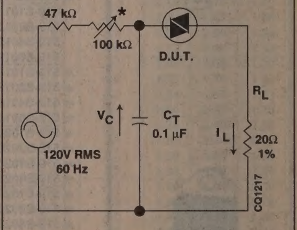
Electrical Specificaitons:

- Device dissipation (at TA = -40°C to +40°C) 250mW derate above +40°C: 3.6mW/°C
- Storage tempertaure: -40°C to +125°C
- Operating temperature: -40°C to +125°C

Typical Diac-Triac Full-Wave Phase Control Circuit
Using Lower Voltage Diacs



Circuit Used to Measure Diac Characteristics



* Adjust for one firing in half cycle.
D.U.T. = Diac Under Test

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	V(BO) (V)		V(BO) Symmetry (V)	Dynamic Breakover Voltage (V)	I(BO) Max. (µA)	ITRM Max. (A)	Price Each		
			Min.	Max.	Min.	Min.			1	100	500
519-HT-32	D	DO-35	27.0	37	3	5	50	2.0	**.32**	**.25**	**.21**
519-HT-35	D	DO-35	30.0	40	3	5	50	2.0	**.32**	**.25**	**.21**
519-HT-40	D	DO-35	35.0	45	3	5	50	2.0	**.32**	**.25**	**.21**
519-HT-60	D	DO-35	56.0	70	4	10	50	1.5	**.34**	**.28**	**.22**

Manufacturer	Prefix
EXL Semiconductor	333

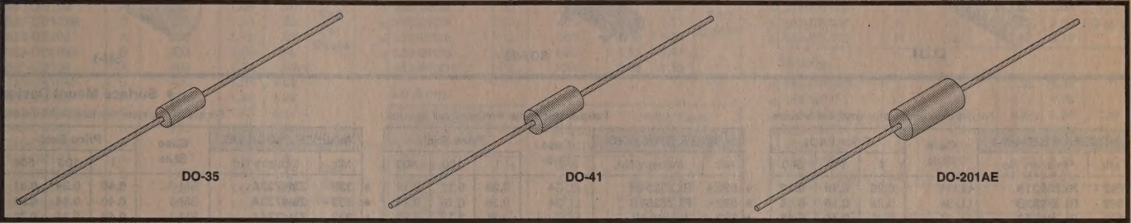
Zener Diodes

Manufacturer	Prefix
Rectron	583
Rohm	592

Zener Volts	Power Rating				
	DO-35			DO-41	DO-201AE
	400mw	400mW	500mW	1W	5W
3.3	1N746A	------	1N5226B	1N4728A	------
3.6	1N747A	------	1N5227B	1N4729A	1N5334B
3.9	1N748A	------	1N5228B	1N4730A	1N5335B
4.3	1N749A	------	1N5229B	1N4731A	1N5336B
4.7	1N750A	------	1N5230B	1N4732A	------
5.1	1N751A	------	1N5231B	1N4733A	------
5.6	1N752A	------	1N5232B	1N4734A	------
6.0	------	------	1N5233B	------	------
6.2	1N753A	------	1N5234B	1N4735A	------
6.8	1N754A	1N957B	1N5235B	1N4736A	------
7.5	1N755A	1N958B	1N5236B	1N4737A	1N5343B
8.2	1N756A	1N959B	1N5237B	1N4738A	1N5344B
8.7	------	------	1N5238B	------	1N5345B

Zener Volts	Power Rating				
	DO-35			DO-41	DO-201AE
	400mw	400mW	500mW	1W	5W
9.1	1N757A	1N960B	1N5239B	1N4739A	1N5346B
10.0	1N758A	1N961B	1N5240B	1N4740A	1N5347B
11.0	------	1N962B	1N5241B	1N4741A	1N5348B
12.0	1N759A	1N963B	1N5242B	1N4742A	1N5349B
13.0	------	1N964B	1N5243B	1N4743A	------
14.0	------	------	1N5244B	------	1N5351B
15.0	------	1N965B	1N5245B	1N4744A	1N5352B
16.0	------	1N966B	1N5246B	1N4745A	1N5353B
17.0	------	------	1N5247B	------	1N5354B
18.0	------	1N967B	1N5248B	1N4746A	1N5355B
19.0	------	------	1N5249B	------	1N5356B
20.0	------	1N968B	1N5250B	1N4747A	1N5357B
22.0	------	1N969B	1N5251B	1N4748A	1N5358B

Zener Volts	Power Rating				
	DO-35			DO-41	DO-201AE
	400mw	400mW	500mW	1W	5W
24.0	------	1N970B	1N5252B	1N4749A	------
25.0	------	------	1N5253B	------	1N5360B
27.0	------	1N971B	1N5254B	1N4750A	1N5361B
28.0	------	------	1N5255B	------	------
30.0	------	1N972B	1N5256B	1N4751A	------
33.0	------	------	1N5257B	1N4752A	------
36.0	------	------	1N5258B	1N4753A	------
39.0	------	------	1N5259B	1N4754A	------
43.0	------	------	1N5260B	1N4755A	------
47.0	------	------	1N5261B	1N4756A	------
51.0	------	------	1N5262B	1N4757A	------
56.0	------	------	1N5263B	1N4758A	------



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Case Style	Price Each		
Mfr.	Industry No.		1	100	500
583 -	1N746A	DO-35	0.18	0.14	0.10
583 -	1N747A	DO-35	0.18	0.14	0.10
583 -	1N748A	DO-35	0.18	0.14	0.10
583 -	1N749A	DO-35	0.18	0.14	0.10
583 -	1N750A	DO-35	0.18	0.14	0.10
583 -	1N751A	DO-35	0.18	0.14	0.10
592 -	1N751A	DO-35	0.19	0.10	0.086
583 -	1N752A	DO-35	0.18	0.14	0.10
592 -	1N752A	DO-35	0.19	0.10	0.086
583 -	1N753A	DO-35	0.18	0.14	0.10
592 -	1N753A	DO-35	0.19	0.10	0.086
583 -	1N754A	DO-35	0.18	0.14	0.10
592 -	1N754A	DO-35	0.19	0.10	0.086
583 -	1N755A	DO-35	0.18	0.14	0.10
592 -	1N755A	DO-35	0.19	0.10	0.086
583 -	1N756A	DO-35	0.18	0.14	0.10
592 -	1N756A	DO-35	0.19	0.10	0.086
583 -	1N757A	DO-35	0.18	0.14	0.10
592 -	1N757A	DO-35	0.19	0.10	0.086
583 -	1N758A	DO-35	0.18	0.14	0.10
592 -	1N758A	DO-35	0.19	0.10	0.086
583 -	1N759A	DO-35	0.18	0.14	0.10
592 -	1N759A	DO-35	0.19	0.10	0.086
592 -	1N957B	DO-35	0.19	0.10	0.086
592 -	1N958B	DO-35	0.19	0.10	0.086
592 -	1N959B	DO-35	0.19	0.10	0.086
592 -	1N960B	DO-35	0.19	0.10	0.086
592 -	1N961B	DO-35	0.19	0.10	0.086
592 -	1N962B	DO-35	0.19	0.10	0.086
592 -	1N963B	DO-35	0.19	0.10	0.086
592 -	1N964B	DO-35	0.19	0.10	0.086
592 -	1N965B	DO-35	0.19	0.10	0.086
592 -	1N966B	DO-35	0.19	0.10	0.086
592 -	1N967B	DO-35	0.19	0.10	0.086
592 -	1N968B	DO-35	0.19	0.10	0.086
592 -	1N969B	DO-35	0.19	0.10	0.086
592 -	1N970B	DO-35	0.19	0.10	0.086
592 -	1N971B	DO-35	0.19	0.10	0.086
592 -	1N972B	DO-35	0.19	0.10	0.086
583 -	1N4728A	DO-41	0.29	0.22	0.17
583 -	1N4729A	DO-41	0.29	0.22	0.17
583 -	1N4730A	DO-41	0.29	0.22	0.17
583 -	1N4731A	DO-41	0.29	0.22	0.17
583 -	1N4732A	DO-41	0.29	0.22	0.17
583 -	1N4733A	DO-41	0.29	0.22	0.17
583 -	1N4734A	DO-41	0.29	0.22	0.17
583 -	1N4735A	DO-41	0.29	0.22	0.17
583 -	1N4736A	DO-41	0.29	0.22	0.17
583 -	1N4737A	DO-41	0.29	0.22	0.17
583 -	1N4738A	DO-41	0.29	0.22	0.17
583 -	1N4739A	DO-41	0.29	0.22	0.17

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Case Style	Price Each		
Mfr.	Industry No.		1	100	500
583 -	1N4740A	DO-41	0.29	0.22	0.17
583 -	1N4741A	DO-41	0.29	0.22	0.17
583 -	1N4742A	DO-41	0.29	0.22	0.17
583 -	1N4743A	DO-41	0.29	0.22	0.17
583 -	1N4744A	DO-41	0.29	0.22	0.17
583 -	1N4745A	DO-41	0.29	0.22	0.17
583 -	1N4746A	DO-41	0.29	0.22	0.17
583 -	1N4747A	DO-41	0.29	0.22	0.17
583 -	1N4748A	DO-41	0.29	0.22	0.17
583 -	1N4749A	DO-41	0.29	0.22	0.17
583 -	1N4750A	DO-41	0.29	0.22	0.17
583 -	1N4751A	DO-41	0.29	0.22	0.17
583 -	1N4752A	DO-41	0.29	0.22	0.17
583 -	1N4753A	DO-41	0.29	0.22	0.17
583 -	1N4754A	DO-41	0.29	0.22	0.17
583 -	1N4755A	DO-41	0.29	0.22	0.17
583 -	1N4756A	DO-41	0.29	0.22	0.17
583 -	1N4757A	DO-41	0.29	0.22	0.17
583 -	1N4758A	DO-41	0.29	0.22	0.17
583 -	1N5226B	DO-35	0.18	0.14	0.10
583 -	1N5227B	DO-35	0.18	0.14	0.10
583 -	1N5228B	DO-35	0.18	0.14	0.10
583 -	1N5229B	DO-35	0.18	0.14	0.10
583 -	1N5230B	DO-35	0.18	0.14	0.10
583 -	1N5231B	DO-35	0.18	0.14	0.10
592 -	1N5231B	DO-35	0.19	0.10	0.086
583 -	1N5232B	DO-35	0.18	0.14	0.10
592 -	1N5232B	DO-35	0.19	0.10	0.086
583 -	1N5233B	DO-35	0.18	0.14	0.10
592 -	1N5233B	DO-35	0.19	0.10	0.086
583 -	1N5234B	DO-35	0.18	0.14	0.10
583 -	1N5235B	DO-35	0.18	0.14	0.10
592 -	1N5235B	DO-35	0.19	0.10	0.086
583 -	1N5236B	DO-35	0.18	0.14	0.10
592 -	1N5236B	DO-35	0.19	0.10	0.086
583 -	1N5237B	DO-35	0.18	0.14	0.10
592 -	1N5237B	DO-35	0.19	0.10	0.086
583 -	1N5238B	DO-35	0.18	0.14	0.10
592 -	1N5238B	DO-35	0.19	0.10	0.086
583 -	1N5239B	DO-35	0.18	0.14	0.10
592 -	1N5239B	DO-35	0.19	0.10	0.086
583 -	1N5240B	DO-35	0.18	0.14	0.10
592 -	1N5240B	DO-35	0.19	0.10	0.086
583 -	1N5241B	DO-35	0.18	0.14	0.10
592 -	1N5241B	DO-35	0.19	0.10	0.086
583 -	1N5242B	DO-35	0.18	0.14	0.10
592 -	1N5242B	DO-35	0.19	0.10	0.086
583 -	1N5243B	DO-35	0.18	0.14	0.10
592 -	1N5243B	DO-35	0.19	0.10	0.086
583 -	1N5244B	DO-35	0.18	0.14	0.10
592 -	1N5244B	DO-35	0.19	0.10	0.086

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Case Style	Price Each		
Mfr.	Industry No.		1	100	500
583 -	1N5245B	DO-35	0.18	0.14	0.10
592 -	1N5245B	DO-35	0.19	0.10	0.086
583 -	1N5246B	DO-35	0.18	0.14	0.10
592 -	1N5246B	DO-35	0.19	0.10	0.086
583 -	1N5247B	DO-35	0.18	0.14	0.10
592 -	1N5247B	DO-35	0.19	0.10	0.086
583 -	1N5248B	DO-35	0.18	0.14	0.10
592 -	1N5248B	DO-35	0.19	0.10	0.086
583 -	1N5249B	DO-35	0.18	0.14	0.10
592 -	1N5249B	DO-35	0.19	0.10	0.086
583 -	1N5250B	DO-35	0.18	0.14	0.10
592 -	1N5250B	DO-35	0.19	0.10	0.086
583 -	1N5251B	DO-35	0.18	0.14	0.10
592 -	1N5251B	DO-35	0.19	0.10	0.086
583 -	1N5252B	DO-35	0.18	0.14	0.10
592 -	1N5252B	DO-35	0.19	0.10	0.086
583 -	1N5253B	DO-35	0.18	0.14	0.10
592 -	1N5253B	DO-35	0.19	0.10	0.086
583 -	1N5254B	DO-35	0.18	0.14	0.10
592 -	1N5254B	DO-35	0.19	0.10	0.086
583 -	1N5255B	DO-35	0.18	0.14	0.10
592 -	1N5255B	DO-35	0.19	0.10	0.086
583 -	1N5256B	DO-35	0.18	0.14	0.10
592 -	1N5256B	DO-35	0.19	0.10	0.086
583 -	1N5257B	DO-35	0.18	0.14	0.10
583 -	1N5258B	DO-35	0.18	0.14	0.10
583 -	1N5259B	DO-35	0.18	0.14	0.10
583 -	1N5260B	DO-35	0.18	0.14	0.10
583 -	1N5261B	DO-35	0.18	0.14	0.10
583 -	1N5262B	DO-35	0.18	0.14	0.10
583 -	1N5263B	DO-35	0.18	0.14	0.10
333 -	1N5334B	DO-201AE	0.67	0.61	0.55
333 -	1N5335B	DO-201AE	0.67	0.61	0.55
333 -	1N5336B	DO-201AE	0.67	0.61	0.55
333 -	1N5343B	DO-201AE	0.67	0.61	0.55
333 -	1N5344B	DO-201AE	0.67	0.61	0.55
333 -	1N5345B	DO-201AE	0.67	0.61	0.55
333 -	1N5346B	DO-201AE	0.67	0.61	0.55
333 -	1N5347B	DO-201AE	0.67	0.61	0.55
333 -	1N5348B	DO-201AE	0.67	0.61	0.55
333 -	1N5349B	DO-201AE	0.67	0.61	0.55
333 -	1N5351B	DO-201AE	0.67	0.61	0.55
333 -	1N5352B	DO-201AE	0.67	0.61	0.55
333 -	1N5353B	DO-201AE	0.67	0.61	0.55
333 -	1N5354B	DO-201AE	0.67	0.61	0.55
333 -	1N5355B	DO-201AE	0.67	0.61	0.55
333 -	1N5356B	DO-201AE	0.67	0.61	0.55
333 -	1N5357B	DO-201AE	0.67	0.61	0.55
333 -	1N5358B	DO-201AE	0.67	0.61	0.55
333 -	1N5360B	DO-201AE	0.67	0.61	0.55
333 -	1N5361B	DO-201AE	0.67	0.61	0.55

Manufacturer	Prefix
EXL Semiconductor	333

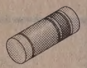
Zener Diodes

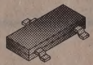
Manufacturer	Prefix
NTE	526
Rohm	592

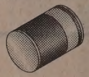
Zener Volts	Power Rating		
	LL-34 (SMD)	SOT-23	SM-1
	500mW	200mW	1W
3.3	------	------	------
3.6	------	------	------
3.9	------	------	ZM4730A
4.3	------	Z02W4.3V	ZM4731A
4.7	------	Z02W4.7V	ZM4732A
5.1	RLZ5231B	Z02W5.1V	ZM4733A
5.6	RLZ5232B	Z02W5.6V	ZM4734A
6.0	RLZ5233B	------	------
6.2	RLZ5234B	Z02W6.2V	ZM4735A
6.8	RLZ5235B	Z02W6.8V	ZM4736A
7.5	RLZ5236B	Z02W7.5V	ZM4737A

Zener Volts	Power Rating		
	LL-34 (SMD)	SOT-23	SM-1
	500mW	200mW	1W
8.2	RLZ5237B	Z02W8.2V	ZM4738A
8.7	RLZ5238B	------	------
9.1	RLZ5239B	Z02W9.1V	ZM4739A
10.0	RLZ5240B	Z02W10V	ZM4740A
11.0	RLZ5241B	Z02W11V	ZM4741A
12.0	RLZ5242B	Z02W12V	ZM4742A
13.0	RLZ5243B	Z02W13V	ZM4743A
14.0	RLZ5244B	------	------
15.0	RLZ5245B	Z02W15V	ZM4744A
16.0	RLZ5246B	Z02W16V	ZM4745A
17.0	RLZ5247B	------	------

Zener Volts	Power Rating		
	LL-34 (SMD)	SOT-23	SM-1
	500mW	200mW	1W
18.0	RLZ5248B	Z02W18V	ZM4746A
19.0	RLZ5249B	------	------
20.0	RLZ5250B	Z02W20V	ZM4747A
22.0	RLZ5251B	Z02W22V	ZM4748A
24.0	RLZ5252B	Z02W24V	ZM4749A
25.0	RLZ5253B	------	------
27.0	RLZ5254B	------	ZM4750A
28.0	------	------	------
30.0	RLZ5256B	------	ZM4751A
33.0	------	------	ZM4752A


LL-34


SOT-23


SM-1

♦ **Surface Mount Device**

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Case Style	Price Each		
	Mfr.	Industry No.		1	100	500
♦	592 -	RLZ5231B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5232B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5233B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5234B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5235B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5236B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5237B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5238B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5239B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5240B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5241B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5242B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5243B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5244B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5245B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5246B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5247B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5248B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5249B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5250B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5251B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5252B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5253B	LL-34	0.28	0.16	0.14

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Case Style	Price Each		
	Mfr.	Industry No.		1	100	500
♦	592 -	RLZ5254B	LL-34	0.28	0.16	0.14
♦	592 -	RLZ5256B	LL-34	0.28	0.16	0.14
♦	333 -	Z02W4.3V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W4.7V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W5.1V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W5.6V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W6.2V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W6.8V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W7.5V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W8.2V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W9.1V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W10V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W11V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W12V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W13V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W15V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W16V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W18V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W20V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W22V	SOT-23	0.25	0.17	0.15
♦	333 -	Z02W24V	SOT-23	0.25	0.17	0.15
♦	333 -	ZM4730A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4731A	SM-1	0.40	0.34	0.31

For quantities greater than listed, call for quote.

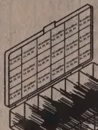
	MOUSER STOCK NO.		Case Style	Price Each		
	Mfr.	Industry No.		1	100	500
♦	333 -	ZM4732A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4733A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4734A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4735A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4736A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4737A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4738A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4739A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4740A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4741A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4742A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4743A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4744A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4745A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4746A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4747A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4748A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4749A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4750A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4751A	SM-1	0.40	0.34	0.31
♦	333 -	ZM4752A	SM-1	0.40	0.34	0.31

200 PRV SILICON BRIDGE RECTIFIER KIT

Great for power supplies, voltage multipliers and repair work.

Contains:

10 pieces each: 1, 1.5, 2, 3, 4, 6, 10, and 15 amp

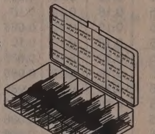


MOUSER STOCK NO.	Price Each
370-331-2	159.95

SURFACE MOUNT DIODE RECTIFIER KIT

Features:

- 1 amp
- Glass passivated junction
- Temperature rating: -65°C to +175°C
- SM-1 package



Contains:

10 pieces each: SM4001, SM4002, SM4003, SM4004, SM4005, SM4006

MOUSER STOCK NO.	Price Each
370-SMD-1	29.95

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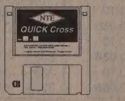
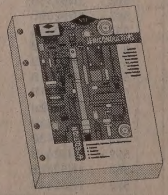
The popular NTE Cross Reference, on an IBM-PC based high-speed database for semiconductors and relays. This new selection tool - the "NTE Quick Cross" - is a computer-assisted cross reference guide that helps users select the proper NTE replacement device for over 250,000 industry device numbers. This software will enable the user to locate any NTE cross reference device number in about one second. The software contains all of the cross reference information currently in NTE's database using only 3.1M bytes of hard disk space. Comes on two, 5.25" high density diskettes, or two, 3.5" high density diskettes.

MOUSER STOCK NO.	Disk Type	Price Each
526-NTEQC-1	HD 1.2M 5.25"	4.99
526-NTEQC-4	HD 1.44M 3.5"	4.99



NTE ELECTRONICS, INC.
QUICK Cross

NTE TECHNICAL GUIDE



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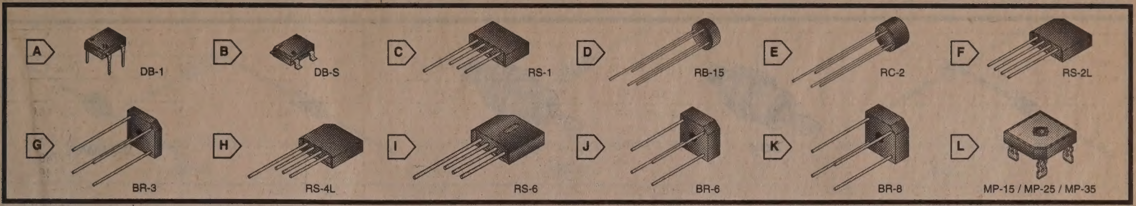
NTE Part No.	MOUSER STOCK NO.	Price Each
NTE CRM6	526-NTEDAD-3	4.95

Bridge Rectifiers



RECTRON BRIDGE RECTIFIERS

*UL File No. 94233

1.0 Amp

♦ Surface Mount Device

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-DB101	A	50	1.00	.77	Call For Quote
♦ * 583-DB101S	B	50	1.13	.87	
* 583-DB102	A	100	1.09	.84	
♦ * 583-DB102S	B	100	1.24	.95	
* 583-DB103	A	200	1.13	.87	
♦ * 583-DB103S	B	200	1.29	.99	
* 583-DB104	A	400	1.13	.87	
♦ * 583-DB104S	B	400	1.33	1.02	
* 583-DB105	A	600	1.33	1.02	
♦ * 583-DB105S	B	600	1.53	1.18	
* 583-DB106	A	800	1.61	1.24	
♦ * 583-DB106S	B	800	1.87	1.44	
* 583-DB107	A	1000	2.11	1.62	Call For Quote
♦ * 583-DB107S	B	1000	2.43	1.87	
* 583-RS101	C	50	1.09	.84	
* 583-RS102	C	100	1.13	.87	
* 583-RS103	C	200	1.17	.90	
* 583-RS104	C	400	1.24	.95	
* 583-RS105	C	600	1.35	1.04	
* 583-RS106	C	800	1.48	1.14	

1.5 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-RB151	D	50	.81	.62	Call For Quote
* 583-RB152	D	100	.83	.64	
* 583-RB153	D	200	.87	.67	
* 583-RB154	D	400	.92	.71	
* 583-RB155	D	600	1.07	.82	
583-RB156	D	800	1.18	.91	
583-RB157	D	1000	1.35	1.04	

2.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-RC201	E	50	.99	.76	Call For Quote
583-RC202	E	100	1.03	.79	
583-RC203	E	200	1.05	.81	
583-RC204	E	400	1.09	.84	
583-RC205	E	600	1.25	.96	
583-RC206	E	800	1.42	1.09	
* 583-RS201L	F	50	1.31	1.01	
* 583-RS202L	F	100	1.34	1.03	
* 583-RS203L	F	200	1.38	1.06	
* 583-RS204L	F	400	1.42	1.09	
* 583-RS205L	F	600	1.53	1.18	
* 583-RS206L	F	800	1.61	1.24	
* 583-RS207L	F	1000	1.69	1.30	
* 583-MDA200G	C	50	1.26	.97	Call For Quote
* 583-MDA201G	C	100	1.31	1.01	
* 583-MDA202G	C	200	1.38	1.06	
* 583-MDA204G	C	400	1.44	1.11	
* 583-MDA206G	C	600	1.59	1.22	
* 583-MDA208G	C	800	1.73	1.33	
* 583-MDA210G	C	1000	1.87	1.44	

3.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-BR305	G	50	1.33	1.02	Call For Quote
* 583-BR31	G	100	1.40	1.08	
* 583-BR32	G	200	1.47	1.13	
* 583-BR34	G	400	1.52	1.17	
* 583-BR36	G	600	1.68	1.29	
* 583-BR38	G	800	1.83	1.41	
583-BR310	G	1000	1.99	1.53	

4.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-RS401L	H	500	2.29	1.76	Call For Quote
* 583-RS402L	H	100	2.34	1.80	
* 583-RS403L	H	200	2.54	1.95	
* 583-RS404L	H	400	2.47	1.99	
* 583-RS405L	H	600	2.81	2.16	
* 583-RS406L	H	800	3.39	2.61	
* 583-RS407L	H	1000	3.89	2.99	

6.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-RS601	I	50	3.06	2.35	Call For Quote
* 583-RS602	I	100	3.26	2.51	
* 583-RS603	I	200	3.46	2.66	
* 583-RS604	I	400	3.67	2.82	
* 583-RS605	I	600	4.13	3.18	
* 583-RS606	I	800	4.65	3.58	
* 583-RS607	I	1000	5.14	3.95	
* 583-BR605	J	50	2.65	2.04	
* 583-BR61	J	100	2.83	2.18	
* 583-BR62	J	200	2.98	2.29	
* 583-BR64	J	400	3.22	2.48	Call For Quote
* 583-BR66	J	600	3.74	2.88	
* 583-BR68	J	800	4.30	3.31	
583-BR610	J	1000	4.75	3.65	

8.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-BR805	K	50	3.41	2.62	Call For Quote
* 583-BR81	K	100	3.50	2.69	
* 583-BR82	K	200	3.60	2.77	
* 583-BR84	K	400	3.95	3.04	
* 583-BR86	K	600	4.37	3.36	
* 583-BR88	K	800	4.85	3.73	
583-BR810	K	1000	5.51	4.24	

10 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-BR1005	K	50	3.50	2.69	Call For Quote
* 583-BR101	K	100	3.60	2.77	
* 583-BR102	K	200	3.69	2.84	
* 583-BR104	K	400	3.95	3.04	
* 583-BR106	K	600	4.15	3.19	

15 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-MP1505	L	50	7.85	6.04	Call For Quote
* 583-MP151	L	100	8.13	6.26	
* 583-MP152	L	200	8.24	6.34	
* 583-MP154	L	400	8.42	6.48	
* 583-MP156	L	600	8.99	6.92	
* 583-MP158	L	800	9.56	7.35	
* 583-MP1510	L	1000	10.13	7.79	

25 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-MP2505	L	50	8.13	6.26	Call For Quote
* 583-MP251	L	100	8.33	6.41	
* 583-MP252	L	200	8.51	6.55	
* 583-MP254	L	400	8.71	6.70	
* 583-MP256	L	600	9.28	7.14	
* 583-MP258	L	800	9.84	7.57	
* 583-MP2510	L	1000	10.41	8.01	

35 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 583-MP3505	L	50	8.42	6.48	Call For Quote
* 583-MP351	L	100	8.61	6.63	
* 583-MP352	L	200	8.80	6.77	
* 583-MP354	L	400	8.90	6.85	
* 583-MP356	L	600	9.55	7.35	
* 583-MP358	L	800	10.12	7.79	
* 583-MP3510	L	1000	10.69	8.23	

SUPER FAST RECOVERY BRIDGE RECTIFIERS

1.0 Amp

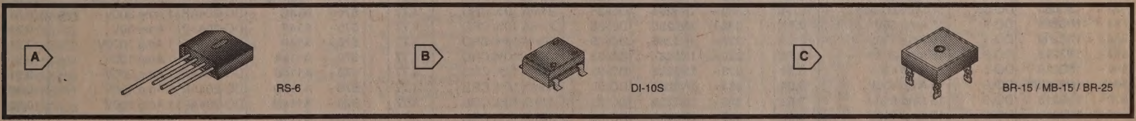
♦ Surface Mount Device

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-EDB101	A	50	2.37	1.82	Call For Quote
♦ 583-EDB101S	B	50	2.47	1.90	
583-EDB102	A	100	2.54	1.95	
♦ 583-EDB102S	B	100	2.65	2.04	
583-EDB104	A	200	2.87	2.21	
♦ 583-EDB104S	B	200	2.99	2.30	
583-EDB105	A	300	3.34	2.57	
♦ 583-EDB105S	B	300	3.46	2.66	
583-EDB106	A	400	3.74	2.88	
♦ 583-EDB106S	B	400	3.86	2.97	

BRIDGE RECTIFIERS

*UL File No. 94233

♦ Surface Mount Device



1.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
333-3N246	A	50	.93	.65	Call For Quote
333-3N248	A	200	.96	.68	
333-3N252	A	1000	1.26	.98	
♦ 333-DI100	B	50	.77	.61	
♦ 333-DI102	B	200	.86	.69	
♦ 333-DI104	B	4000	.91	.75	
♦ 333-DI106	B	600	.99	.82	

1.0 Amp (con't)

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
♦ 333-DI108	B	800	1.19	.95	Call
♦ 333-DI1010	B	1000	1.26	.98	

15 Amp (Ceramic Case)

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 333-BR154	C	400	10.45	6.09	Call
* 333-BR156	C	600	11.95	6.97	

15 Amp (Metal Case)

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
333-MB1505	C	50	5.94	4.59	Call
333-MB151	C	100	6.16	4.76	

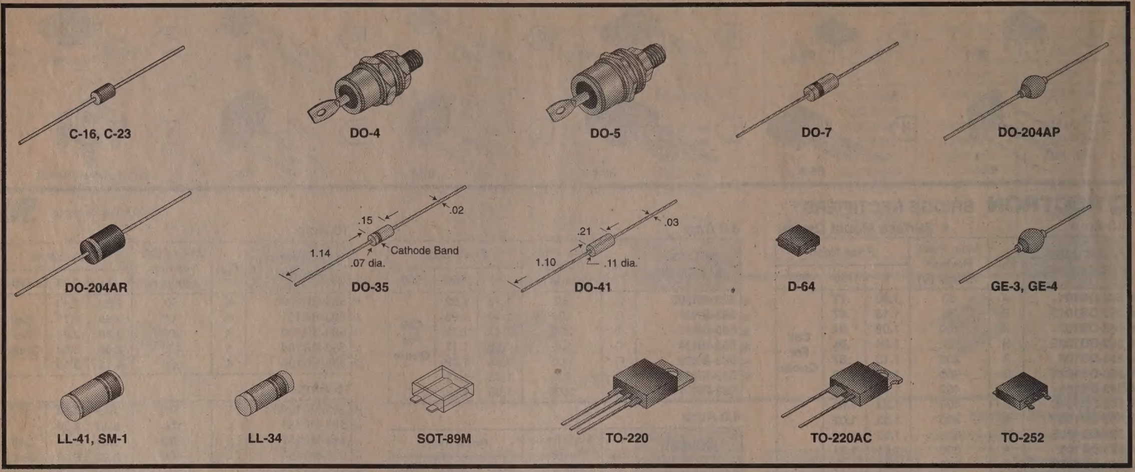
25 Amp (Ceramic Case)

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
* 333-BR256	C	600	11.40	4.48	Call
333-BR2510	C	1000	13.86	5.12	

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570

Signal Diodes and Rectifiers

Manufacturer	Prefix
Rohm	592



◆ **Surface Mount Device**

For quantities greater than listed, call for quote.

MOUSER NO.		Case Style	Description	Price Each
Mfr.	Industry No.			1-99
333 -	1N34A	DO-7	Germanium Diode	0.28
333 -	1N60	DO-7	Germanium Diode	0.25
333 -	1N270	DO-7	Germanium Diode	0.32
333 -	1N914	DO-35	Si Signal Diode	0.15
592 -	1N914	DO-35	Si Signal Diode	0.14
592 -	1N914A	DO-35	Si Signal Diode	0.14
592 -	1N914B	DO-35	Si Signal Diode	0.14
592 -	1N916	DO-35	Si Signal Diode	0.14
592 -	1N916A	DO-35	Si Signal Diode	0.14
592 -	1N916B	DO-35	Si Signal Diode	0.14
584 -	1N1183	DO-5	35 Amp 50V	2.71
584 -	1N1183A	DO-5	40 Amp 50V	2.98
584 -	1N1184	DO-5	35 Amp 100V	2.70
584 -	1N1184A	DO-5	40 Amp 100V	3.09
584 -	1N1185	DO-5	35 Amp 150V	2.84
584 -	1N1186	DO-5	35 Amp 200V	2.91
584 -	1N1186A	DO-5	40 Amp 200V	3.18
570 -	1N1187	DO-5	35 Amp 300V	3.24
584 -	1N1187	DO-5	35 Amp 300V	3.46
584 -	1N1187A	DO-5	40 Amp 300V	4.54
584 -	1N1188	DO-5	35 Amp 400V	3.62
584 -	1N1188A	DO-5	40 Amp 400V	4.34
584 -	1N1189	DO-5	35 Amp 500V	3.96
584 -	1N1189A	DO-5	40 Amp 500V	4.50
584 -	1N1190	DO-5	35 Amp 600V	4.75
584 -	1N1190A	DO-5	40 Amp 600V	4.75
584 -	1N1199A	DO-4	12 Amp 50V	2.59
584 -	1N1200A	DO-4	12 Amp 100V	2.59
584 -	1N1202A	DO-4	12 Amp 200V	2.59
584 -	1N1204A	DO-4	12 Amp 400V	2.62
584 -	1N1206A	DO-4	12 Amp 600V	2.89
584 -	1N1206RA	DO-4	12 Amp 600V	2.89
584 -	1N2128A	DO-5	60 Amp 50V	5.92
584 -	1N2129A	DO-5	60 Amp 100V	5.87
584 -	1N2131A	DO-5	60 Amp 200V	5.92
584 -	1N2135A	DO-5	60 Amp 400V	7.56
584 -	1N2138A	DO-5	60 Amp 600V	8.09
592 -	1N3064	DO-35	Si Signal Diode	0.14
584 -	1N3208	DO-5	15 Amp 50V	2.77
584 -	1N3209	DO-5	15 Amp 100V	2.73
584 -	1N3210	DO-5	15 Amp 200V	2.70
584 -	1N3212	DO-5	15 Amp 400V	3.34
584 -	1N3212R	DO-5	15 Amp 400V	3.34
570 -	1N3213	DO-5	15 Amp 500V	3.62
584 -	1N3213	DO-5	15 Amp 500V	3.62
584 -	1N3214	DO-5	15 Amp 600V	4.18
592 -	1N3600	DO-35	Signal Diode	0.14
592 -	1N3604	DO-35	Signal Diode	0.14

For quantities greater than listed, call for quote.

MOUSER NO.		Case Style	Description	Price Each
Mfr.	Industry No.			1-99
592 -	1N3605	DO-35	Signal Diode	0.14
592 -	1N3606	DO-35	Signal Diode	0.14
584 -	1N3671A	DO-4	12 Amp 800V	4.66
584 -	1N3673A	DO-4	12 Amp 1000V	4.86
584 -	1N3673RA	DO-4	12 Amp 1000V	4.86
584 -	1N3766	DO-5	35 Amp 800V	7.80
◆ 592 -	RLR4001	LL-41	SMD 1A 50 PRV	0.32
◆ 592 -	RLR4002	LL-41	SMD 1A 100 PRV	0.32
◆ 592 -	RLR4003	LL-41	1 Amp 200 PRV	0.32
◆ 592 -	RLR4004	LL-41	SMD 1Amp 400PRV	0.32
333 -	1N4148	DO-35	Si Signal Diode	0.12
592 -	1N4148	DO-35	Si Signal Diode	0.12
◆ 592 -	RLS4148	LL-34	SMD Signal Diode	0.15
592 -	1N4149	DO-35	Si Signal Diode	0.14
592 -	1N4150	DO-35	Si Signal Diode	0.14
◆ 592 -	RLS4150	LL-34	Si Signal Diode	0.16
592 -	1N4151	DO-35	Si Signal Diode	0.14
592 -	1N4152	DO-35	Si Signal Diode	0.14
592 -	1N4153	DO-35	Si Signal Diode	0.14
◆ 592 -	RLS4153	LL-34	SMD Signal Diode	0.16
592 -	1N4154	DO-35	Si Signal Diode	0.14
592 -	1N4446	DO-35	Si Signal Diode	0.14
592 -	1N4447	DO-35	Si Signal Diode	0.14
592 -	1N4448	DO-35	Si Signal Diode	0.14
◆ 592 -	RLS4448	LL-34	SMD Signal Diode	0.16
592 -	1N4449	DO-35	Si Signal Diode	0.14
592 -	1N4450	DO-35	Si Signal Diode	0.14
592 -	1N4454	DO-35	Si Signal Diode	0.14
592 -	1N4531	DO-34	Switching Diode	0.14
592 -	1N4532	DO-34	Switching Diode	0.14
592 -	1N4533	DO-34	Switching Diode	0.14
592 -	1N4534	DO-34	Switching Diode	0.14
592 -	1N4606	DO-35	Si Signal Diode	0.17
◆ 592 -	RLS4606	LL-34	SMD Signal Diode	0.16
570 -	1N5061	DO-204AP	1 Amp 600V	0.37
570 -	1N5062	DO-204AP	1 Amp 800V	0.46
333 -	1N5283	DO-35	.22mA 10% CRD	4.77
333 -	1N5284	DO-35	.24mA 10% CRD	4.77
333 -	1N5285	DO-35	.27mA 10% CRD	4.77
333 -	1N5286	DO-35	.30mA 10% CRD	4.77
333 -	1N5287	DO-35	.33mA 10% CRD	4.77
333 -	1N5288	DO-35	.39mA 10% CRD	4.77
333 -	1N5289	DO-35	.43mA 10% CRD	4.77
333 -	1N5290	DO-35	.47mA 10% CRD	4.77
333 -	1N5291	DO-35	.56mA 10% CRD	4.77
333 -	1N5292	DO-35	.62mA 10% CRD	4.77
333 -	1N5293	DO-35	.68mA 10% CRD	4.77
333 -	1N5294	DO-35	.75mA 10% CRD	4.77

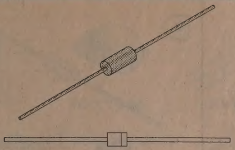
For quantities greater than listed, call for quote.

MOUSER NO.		Case Style	Description	Price Each
Mfr.	Industry No.			1-99
333 -	1N5295	DO-35	.82mA 10% CRD	4.77
333 -	1N5296	DO-35	.91mA 10% CRD	4.77
333 -	1N5297	DO-35	1.0mA 10% CRD	4.77
333 -	1N5298	DO-35	1.1mA 10% CRD	4.77
333 -	1N5299	DO-35	1.2mA 10% CRD	4.77
333 -	1N5300	DO-35	1.3mA 10% CRD	4.77
333 -	1N5301	DO-35	1.4mA 10% CRD	4.77
333 -	1N5302	DO-35	1.5mA 10% CRD	4.77
333 -	1N5303	DO-35	1.6mA 10% CRD	4.77
333 -	1N5304	DO-35	1.8mA 10% CRD	4.77
333 -	1N5305	DO-35	2.0mA 10% CRD	4.77
333 -	1N5306	DO-35	2.2mA 10% CRD	4.77
333 -	1N5307	DO-35	2.4mA 10% CRD	4.77
333 -	1N5308	DO-35	2.7mA 10% CRD	4.77
333 -	1N5309	DO-35	3.0mA 10% CRD	4.77
333 -	1N5310	DO-35	3.3mA 10% CRD	4.77
333 -	1N5311	DO-35	3.6mA 10% CRD	4.77
333 -	1N5312	DO-35	3.9mA 10% CRD	4.77
333 -	1N5313	DO-35	4.3mA 10% CRD	4.77
333 -	1N5314	DO-35	4.7mA 10% CRD	4.77
570 -	1N5624	GE-4	3 Amp 200V	0.62
570 -	1N5625	GE-4	3 Amp 400V	0.64
570 -	1N5626	GE-4	3 Amp 600V	0.84
570 -	1N5627	GE-4	3 Amp 800V	0.95
◆ 584 -	10MQ040	D-64	1.1 Amp 40V	1.20
584 -	16F20	DO-4	16 Amp 200V	2.48
584 -	16F80	DO-4	16 Amp 800V	4.57
584 -	40HF10	DO-5	40 Amp 100V	2.93
584 -	40HF20	DO-5	40 Amp 200V	3.32
584 -	40HF60	DO-5	40 Amp 600V	4.91
584 -	40HF100	DO-5	40 Amp 1000V	7.98
584 -	50SQ100	DO-204AR	5 Amp 100V	2.59
584 -	70HF40	DO-5	70 Amp 400V	7.56
584 -	70HFR40	DO-5	70 Amp 400V	7.56
584 -	80SQ045	DO-204AR	8 Amp 45V	2.11
584 -	150K30A	DO-8	150 Amp 300V	18.94
584 -	150KR60A	DO-8	150 Amp 600V	19.63
570 -	A14C	DO-204AP	1 Amp 300V	0.31
570 -	A14F	DO-204AP	1 Amp 50V	0.31
570 -	A14P	DO-204AP	1 Amp 1000V	0.51
570 -	A114A	DO-204AP	1 Amp 100V	0.51
570 -	A114B	DO-204AP	1 Amp 200V	0.51
570 -	A114D	DO-204AP	1 Amp 400V	0.59
570 -	A114M	DO-204AP	1 Amp 600V	0.62
570 -	A115A	GE-3	3 Amp 100V	0.84
570 -	A115D	GE-3	3 Amp 400V	1.12
570 -	A115M	GE-3	3 Amp 600V	1.27

We also have Diode/Rectifier kits available.
For more information, see page 313.

RECTRON Rectifiers

A



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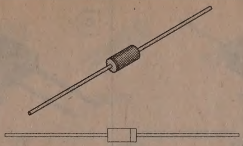

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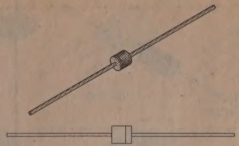
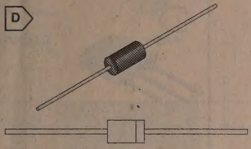


R-3

D



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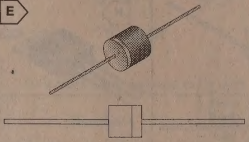

R-6

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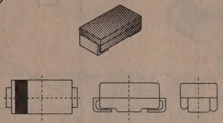
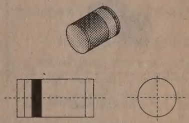


FM-1

G



SM-1

SILICON

Specifications:

- Operating temperature: -65°C to +175°C
- Storage temperature: -65°C to +175°C

NEW!

1.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-1N4001	A	50	.07	.054	Call For Quote
583-1N4002	A	100	.07	.054	
583-1N4003	A	200	.08	.058	
583-1N4004	A	400	.08	.06	
583-1N4005	A	600	.09	.067	
583-1N4006	A	800	.10	.073	
583-1N4007	A	1000	.10	.077	

1.5 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-1N5391	B	50	.16	.12	Call For Quote
583-1N5392	B	100	.16	.12	
583-1N5393	B	200	.16	.12	
583-1N5394	B	300	.17	.13	
583-1N5395	B	400	.18	.14	
583-1N5396	B	500	.20	.15	
583-1N5397	B	600	.21	.16	
583-1N5398	B	800	.23	.18	
583-1N5399	B	1000	.26	.20	

2.5 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-RL251	C	50	.31	.24	Call For Quote
583-RL252	C	100	.34	.26	
583-RL253	C	200	.35	.27	
583-RL254	C	400	.36	.28	
583-RL255	C	600	.40	.31	
583-RL256	C	800	.44	.34	
583-RL257	C	1000	.53	.41	

3.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-1N5400	D	50	.29	.22	Call For Quote
583-1N5401	D	100	.30	.23	
583-1N5402	D	200	.31	.24	
583-1N5404	D	400	.34	.26	
583-1N5406	D	600	.39	.30	
583-1N5407	D	800	.42	.32	
583-1N5408	D	1000	.48	.37	

6.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-6A05	E	50	.81	.62	Call For Quote
583-6A1	E	100	.87	.67	
583-6A2	E	200	.94	.72	
583-6A4	E	400	1.00	.77	
583-6A6	E	600	1.13	.87	
583-6A8	E	800	1.27	.98	
583-6A10	E	1000	1.46	1.12	

HIGH VOLTAGE

Specifications:

- Operating temperature: -65°C to +175°C
- Storage temperature: -65°C to +175°C

NEW!

.20 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-R2000	A	2000	.34	.26	Call
583-R3000	B	3000	.70	.54	

.50 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-R1500	A	1500	.29	.22	Call

GLASS PASSIVATED

Specifications:

- Operating temperature: -65°C to +175°C
- Storage temperature: -65°C to +175°C

NEW!

1.0 Amp

◆ Surface Mount Device

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-1N4001G	A	50	.15	.12	Call For Quote
◆ 583-FM4001	F	50	.39	.30	
◆ 583-SM4001	G	50	.27	.21	
583-1N4002G	A	100	.17	.13	
◆ 583-FM4002	F	100	.39	.30	
◆ 583-SM4002	G	100	.30	.23	
583-1N4003G	A	200	.18	.14	
◆ 583-FM4003	F	200	.40	.31	
◆ 583-SM4003	G	200	.31	.24	
583-1N4004G	A	400	.18	.14	
◆ 583-FM4004	F	400	.43	.33	
◆ 583-SM4004	G	400	.34	.26	
583-1N4005G	A	600	.20	.15	
◆ 583-FM4005	F	600	.49	.38	
◆ 583-SM4005	G	600	.38	.29	
583-1N4006G	A	800	.23	.18	Call For Quote
◆ 583-FM4006	F	800	.55	.42	
◆ 583-SM4006	G	800	.48	.37	
583-1N4007G	A	1000	.27	.21	
◆ 583-FM4007	F	1000	.65	.50	
◆ 583-SM4007	G	1000	.53	.41	

2.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-RL201G	B	50	.31	.24	Call For Quote
583-RL202G	B	100	.35	.27	
583-RL203G	B	200	.37	.29	
583-RL204G	B	400	.40	.31	
583-RL205G	B	600	.46	.36	
583-RL206G	B	800	.53	.41	
583-RL207G	B	1000	.61	.47	

GLASS PASSIVATED (Cont.)

Specifications:

- Operating temperature: -65°C to +175°C
- Storage temperature: -65°C to +175°C

NEW!

3.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-1N5400G	D	50	.60	.46	Call For Quote
583-1N5401G	D	100	.62	.48	
583-1N5402G	D	200	.64	.49	
583-1N5404G	D	400	.69	.53	
583-1N5406G	D	600	.75	.58	
583-1N5407G	D	800	.79	.61	
583-1N5408G	D	1000	.87	.67	

HIGH EFFICIENCY

Specifications:

- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

NEW!

1.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-HER101	A	50	.27	.21	Call For Quote
583-HER102	A	100	.31	.24	
583-HER103	A	200	.34	.26	
583-HER104	A	300	.38	.29	
583-HER105	A	400	.46	.35	

3.0 Amp

583-HER301	D	50	.72	.55	Call For Quote
583-HER302	D	100	.78	.60	
583-HER303	D	200	.86	.66	
583-HER304	D	300	.94	.72	
583-HER305	D	400	1.07	.82	

FAST RECOVERY

Specifications:

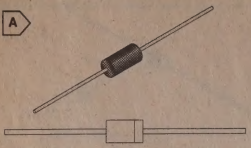
- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

NEW!

1.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-FR102	A	100	.18	.14	Call For Quote
583-FR103	A	200	.20	.15	
583-FR104	A	400	.21	.16	
583-FR105	A	600	.23	.18	
583-FR106	A	800	.29	.22	
583-FR107	A	1000	.29	.23	
583-1N4933	A	50	.16	.13	Call For Quote
583-1N4934	A	100	.18	.14	
583-1N4935	A	200	.19	.15	
583-1N4936	A	400	.22	.17	
583-1N4937	A	600	.24	.19	
583-1N4942	A	200	.19	.15	
583-1N4944	A	400	.20	.16	
583-1N4946	A	600	.23	.18	
583-1N4947	A	800	.28	.22	
583-1N4948	A	1000	.31	.24	

RECTRON Rectifiers

A

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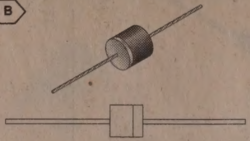
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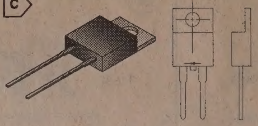
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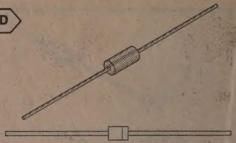
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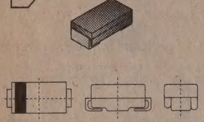
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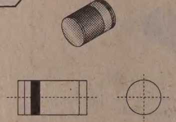
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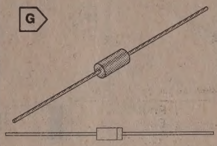
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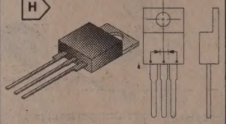
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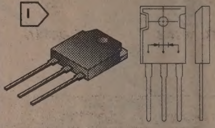

TO-247

FAST RECOVERY (Cont.)

Specifications:

- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

NEW!

3.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-FR301	A	50	.45	.35	Call For Quote
583-FR302	A	100	.48	.37	
583-FR303	A	200	.52	.40	
583-FR304	A	400	.54	.42	
583-FR305	A	600	.61	.47	
583-FR306	A	800	.68	.53	
583-FR307	A	1000	.75	.58	

6.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	1	100	500
583-FR601	B	50	1.35	1.04	Call For Quote
583-FR602	B	100	1.44	1.11	
583-FR603	B	200	1.53	1.18	
583-FR604	B	400	1.61	1.24	
583-FR605	B	600	1.80	1.39	
583-FR606	B	800	2.08	1.60	
583-FR607	B	1000	2.28	1.76	

8.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	1	100	500
583-FR801	C	50	4.54	3.49	Call For Quote
583-FR802	C	100	4.84	3.72	
583-FR803	C	200	5.14	3.95	
583-FR804	C	400	5.42	4.17	
583-FR805	C	600	6.12	4.71	

FAST RECOVERY, GLASS PASSIVATED

Specifications:

- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

NEW!

1.0 Amp

◆ **Surface Mount Device**

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-FR101G	D	50	.31	.24	Call For Quote
583-FR102G	D	100	.33	.26	
583-FR103G	D	200	.35	.27	
583-FR104G	D	400	.37	.29	
583-FR105G	D	600	.40	.31	
583-FR106G	D	800	.42	.33	
583-FR107G	D	1000	.46	.36	
583-1N4933G	D	50	.32	.25	
◆ 583-FM4933	E	50	.49	.38	
◆ 583-SM4933	F	50	.46	.35	
583-1N4934G	D	100	.35	.27	
◆ 583-FM4934	E	100	.51	.39	
◆ 583-SM4934	F	100	.49	.38	
583-1N4935G	D	200	.35	.27	
◆ 583-FM4935	E	200	.52	.40	
◆ 583-SM4935	F	200	.53	.41	
583-1N4936G	D	400	.39	.30	Call For Quote
◆ 583-FM4936	E	400	.55	.42	
◆ 583-SM4936	F	400	.65	.50	
583-1N4937G	D	600	.45	.35	
◆ 583-FM4937	E	600	.57	.44	
◆ 583-SM4937	F	600	.72	.55	

FAST RECOVERY, GLASS PASSIVATED (Cont.)

Specifications:

- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

NEW!

3.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-FR301G	A	50	.74	.57	Call For Quote
583-FR302G	A	100	.80	.62	
583-FR303G	A	200	.87	.67	
583-FR304G	A	400	.92	.71	
583-FR305G	A	600	1.04	.80	
583-FR306G	A	800	1.13	.87	
583-FR307G	A	1000	1.28	.99	

SUPER FAST RECOVERY

Specifications:

- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

NEW!

1.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-SF11	D	50	.57	.44	Call For Quote
583-SF12	D	100	.59	.45	
583-SF14	D	200	.65	.50	
583-SF15	D	300	.82	.63	
583-SF16	D	400	.91	.70	

2.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	1	100	500
583-SF21	G	50	.75	.58	Call For Quote
583-SF22	G	100	.79	.61	
583-SF24	G	200	.87	.67	
583-SF25	G	300	1.05	.81	
583-SF26	G	400	1.24	.95	

5.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-SF51	A	50	2.35	1.81	Call For Quote
583-SF52	A	100	2.42	1.86	
583-SF54	A	200	2.57	1.98	
583-SF55	A	300	3.09	2.38	
583-SF56	A	400	3.61	2.78	

16.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	1	100	500
583-SF161C	H	50	7.84	6.03	Call For Quote
583-SF162C	H	100	7.96	6.12	
583-SF164C	H	200	8.23	6.33	
583-SF166C	H	400	10.62	8.17	

30.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-SF301C	I	50	12.19	9.38	Call For Quote
583-SF302C	I	100	12.95	9.96	
583-SF304C	I	200	14.63	11.25	

SCHOTTKY BARRIER

Specifications:

- Operating temperature: -65°C to +125°C
- Storage temperature: -65°C to +150°C

NEW!

1.0 Amp

◆ **Surface Mount Device**

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-1N5817	D	20	.59	.45	Call For Quote
◆ 583-FM5817	E	20	.82	.63	
583-1N5818	D	30	.61	.47	
◆ 583-FM5818	E	30	.83	.64	
583-1N5819	D	40	.64	.49	
◆ 583-FM5819	E	40	.85	.65	
583-SR120	D	20	.55	.42	
583-SR130	D	30	.59	.45	
583-SR140	D	40	.59	.45	
583-SR150	D	50	.77	.59	
583-SR160	D	60	.88	.68	

3.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-1N5820	A	20	1.13	.87	Call For Quote
583-1N5821	A	30	1.18	.91	
583-1N5822	A	40	1.25	.96	
583-SR320	A	20	1.09	.84	
583-SR330	A	30	1.13	.87	
583-SR340	A	40	1.18	.91	
583-SR350	A	50	1.42	1.09	
583-SR360	A	60	1.57	1.21	

5.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-SR520	A	20	1.92	1.48	Call For Quote
583-SR530	A	30	2.02	1.55	
583-SR540	A	40	2.11	1.62	
583-SR550	A	50	2.44	1.88	
583-SR560	A	60	2.77	2.13	

8.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-SR820	C	20	3.48	2.68	Call For Quote
583-SR840	C	40	3.95	3.04	
583-SR860	C	60	5.21	4.01	

16.0 Amp

MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	Price Each		
			1	100	500
583-SR1620C	H	20	5.30	4.08	Call For Quote
583-SR1640C	H	40	5.59	4.30	
583-SR1660C	H	60	6.77	5.21	

30.0 Amp

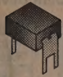
MOUSER STOCK NO.	Fig.	Max. Peak Reverse Voltage (V)	1	100	500
583-SR3020C	I	20	9.17	7.05	Call For Quote
583-SR3040C	I	40	10.04	7.22	
583-SR3060C	I	60	10.99	8.45	

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570

"1.5KE" to "2N" Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
Rohm	592
SGS Thomson	511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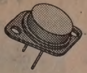
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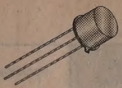
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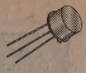
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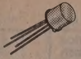
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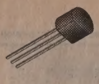
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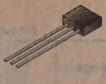
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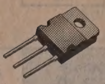
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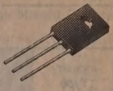
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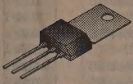
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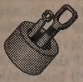
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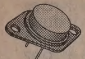
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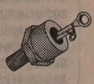
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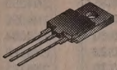
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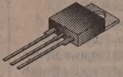
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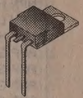
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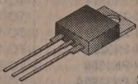
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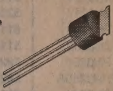

TO-237

♦ Surface Mount Device

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each
				1-99
1.5KE6.8A	333-1.5KE6.8A	DO-201AD	6.8V Unidirect 1500W	1.22
1.5KE6.8CA	333-1.5KE6.8CA	DO-201AD	6.8V Bidirect 1500W	1.55
1.5KE7.5A	333-1.5KE7.5A	DO-201AD	7.5V Unidirect 1500W	1.22
1.5KE7.5CA	333-1.5KE7.5CA	DO-201AD	7.5V Bidirect 1500W	1.55
1.5KE8.2A	333-1.5KE8.2A	DO-201AD	8.2V Unidirect 1500W	1.22
1.5KE8.2CA	333-1.5KE8.2CA	DO-201AD	8.2V Bidirect 1500W	1.55
1.5KE10A	333-1.5KE10A	DO-201AD	10V Unidirect 1500W	1.22
1.5KE10CA	333-1.5KE10CA	DO-201AD	10V Bidirect 1500W	1.55
1.5KE12A	333-1.5KE12A	DO-201AD	12V Unidirect 1500W	1.22
1.5KE12CA	333-1.5KE12CA	DO-201AD	12V Bidirect 1500W	1.55
1.5KE15A	333-1.5KE15A	DO-201AD	15V Unidirect 1500W	1.22
1.5KE15CA	333-1.5KE15CA	DO-201AD	15V Bidirect 1500W	1.55
1.5KE20A	333-1.5KE20A	DO-201AD	20V Unidirect 1500W	1.22
1.5KE20CA	333-1.5KE20CA	DO-201AD	20V Bidirect 1500W	1.55
1.5KE24A	333-1.5KE24A	DO-201AD	24V Unidirect 1500W	1.22
1.5KE24CA	333-1.5KE24CA	DO-201AD	24V Bidirect 1500W	1.55
1.5KE27A	333-1.5KE27A	DO-201AD	27V Unidirect 1500W	1.22
1.5KE27CA	333-1.5KE27CA	DO-201AD	27V Bidirect 1500W	1.55
1.5KE30A	333-1.5KE30A	DO-201AD	30V Unidirect 1500W	1.22
1.5KE30CA	333-1.5KE30CA	DO-201AD	30V Bidirect 1500W	1.55
1.5KE33A	333-1.5KE33A	DO-201AD	33V Unidirect 1500W	1.22
1.5KE33CA	333-1.5KE33CA	DO-201AD	33V Bidirect 1500W	1.55
1.5KE51A	333-1.5KE51A	DO-201AD	51V Unidirect 1500W	1.22
1.5KE51CA	333-1.5KE51CA	DO-201AD	51V Bidirect 1500W	1.55
1.5KE68A	333-1.5KE68A	DO-201AD	68V Unidirect 1500W	1.22
1.5KE68CA	333-1.5KE68CA	DO-201AD	68V Bidirect 1500W	1.55
1.5KE100CA	333-1.5KE100CA	DO-201AD	100V Bidirect 1500W	1.55
1.5KE150CA	333-1.5KE150CA	DO-201AD	150V Bidirect 1500W	1.55
2N657	333-2N657	TO-39	NPN General Purpose	0.72
2N681	570-2N681	TO-208AA	Thyristor 35V 25A	10.09
2N682	570-2N682	TO-208AA	Thyristor 75V 25A	10.09
2N683	570-2N683	TO-208AA	Thyristor 150V 25A	10.09
2N684	570-2N684	TO-208AA	Thyristor 225V 25A	10.09
2N685	570-2N685	TO-208AA	Thyristor 300V 25A	10.09
2N686	570-2N686	TO-208AA	Thyristor 350V 25A	10.09
2N687	570-2N687	TO-208AA	Thyristor 400V 25A	10.09
2N688	570-2N688	TO-208AA	Thyristor 500V 25A	10.09
2N688	511-2N688	TO-208AA	Thyristor 500V 25A	8.49
2N689	570-2N689	TO-208AA	Thyristor 600V 25A	10.47
2N690	570-2N690	TO-208AA	Thyristor 720V 25A	10.41
2N699	333-2N699	TO-39	NPN General Purpose Switch	0.99
2N706	333-2N706	TO-18	NPN Fast Switch SS	0.62
2N708	511-2N708	TO-18	NPN Fast Switch SS	0.71
2N718	333-2N718	TO-18	NPN General Purpose SS	0.47
2N718A	511-2N718A	TO-18	NPN General Purpose SS	0.48
2N720A	333-2N720A	TO-18	NPN General Purpose SS	0.89
2N720A	511-2N720A	TO-18	NPN General Purpose SS	0.90
2N914	511-2N914	TO-18	NPN Fast Switch SS	0.71
2N917	333-2N917	TO-72	NPN Low Noise	0.72
2N918	511-2N918	TO-72	NPN VHF Osc SS	0.97
PN918	592-PN918	TO-92	NPN General Purpose Switch	0.27
2N930	333-2N930	TO-18	NPN General Purpose SS	0.39
2N956	511-2N956	TO-18	NPN General Purpose SS	0.89
2N1479	570-2N1479	TO-39	NPN Power Transistor	1.32
2N1480	570-2N1480	TO-39	NPN Power Transistor	1.54
2N1481	570-2N1481	TO-39	NPN Power Transistor	1.54
2N1482	570-2N1482	TO-39	NPN Power Transistor	1.73
2N1613	333-2N1613	TO-39	NPN General Purpose SS	0.47
2N1613	570-2N1613	TO-39	NPN General Purpose SS	1.41
2N1613	511-2N1613	TO-39	NPN General Purpose SS	0.58
2N1700	570-2N1700	TO-39	NPN Power Transistor	2.18
2N1702	570-2N1702	TO-3	NPN Power Transistor	6.29
2N1711	511-2N1711	TO-39	NPN General Purpose SS	0.45
2N1893	570-2N1893	TO-39	NPN General Purpose SS	1.96
2N1893	511-2N1893	TO-39	NPN General Purpose SS	0.45
2N2102	511-2N2102	TO-39	NPN General Purpose SS	0.81
2N2218	333-2N2218	TO-39	NPN General Purpose SS	0.53

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each
				1-99
2N2218	511-2N2218	TO-39	NPN General Purpose SS	0.53
2N2218A	333-2N2218A	TO-39	NPN General Purpose SS	0.54
2N2218A	511-2N2218A	TO-39	NPN General Purpose SS	0.55
2N2219	511-2N2219	TO-39	NPN General Purpose SS	0.62
PN2219	592-PN2219	TO-92	NPN General Purpose Switch	0.22
2N2219A	333-2N2219A	TO-18	NPN General Purpose SS	0.64
2N2219A	511-2N2219A	TO-39	NPN General Purpose SS	0.64
PN2219A	592-PN2219A	TO-92	NPN General Purpose Switch	0.22
2N2221A	333-2N2221A	TO-18	NPN General Purpose SS	0.62
2N2221A	511-2N2221A	TO-18	NPN General Purpose SS	0.62
2N2222	333-KTN2222	TO-92	NPN General Purpose SS	0.25
2N2222	511-2N2222	TO-18	NPN General Purpose SS	0.33
PN2222	333-KN2222	TO-92	NPN General Purpose Switch	0.18
PN2222	592-PN2222	TO-92	NPN General Purpose Switch	0.22
2N2222A	333-KTN2222A	TO-92	NPN General Purpose SS	0.25
♦ 2N2222AS	333-KTN2222AS	SOT-23	NPN General Purpose SS	0.28
2N2222A	333-2N2222A	TO-18	NPN General Purpose SS	0.35
2N2222A	511-2N2222A	TO-18	NPN General Purpose SS	0.35
♦ 2N2222S	333-2N2222S	SOT-23	NPN General Purpose SS	0.36
PN2222A	333-KN2222A	TO-92	NPN General Purpose Switch	0.18
PN2222A	592-PN2222A	TO-92	NPN General Purpose Switch	0.22
2N2368	511-2N2368	TO-18	NPN Fast Switch SS	0.99
2N2369	333-KTN2369	TO-92	NPN Fast Switch SS	0.40
2N2369	511-2N2369	TO-18	NPN Fast Switch SS	0.44
2N2369A	333-KTN2369A	TO-92	NPN Fast Switch SS	0.28
♦ 2N2369AS	333-KTN2369AS	SOT-23	NPN Fast Switch SS	0.33
2N2369A	511-2N2369A	TO-18	NPN Fast Switch SS	0.45
♦ 2N2369S	333-2N2369S	SOT-23	NPN Fast Switch SS	0.45
2N2483	511-2N2483	TO-18	NPN General Purpose SS	0.55
2N2484	333-2N2484	TO-18	NPN Low Level SS	0.58
2N2484	511-2N2484	TO-18	NPN Low Level SS	0.58
2N2845	511-2N2845	TO-18	NPN Fast Switch SS	0.99
2N2857	511-2N2857	TO-72	NPN VHF/UHF AM	1.66
2N2894	511-2N2894	TO-18	PNP Fast Switch SS	0.81
2N2904	333-2N2904	TO-18	PNP General Purpose SS	0.62
2N2904	511-2N2904	TO-39	PNP General Purpose SS	0.62
2N2904A	333-2N2904A	TO-18	PNP General Purpose SS	0.63
2N2904A	511-2N2904A	TO-39	PNP General Purpose SS	0.63
2N2905	511-2N2905	TO-39	PNP General Purpose SS	0.62
PN2905	592-PN2905	TO-92	PNP General Purpose Switch	0.22
2N2905A	333-2N2905A	TO-18	PNP General Purpose SS	0.63
2N2905A	511-2N2905A	TO-39	PNP General Purpose SS	0.63
PN2905A	333-PN2905A	TO-237	PNP General Purpose Switch	0.22
PN2905A	592-PN2905A	TO-92	PNP General Purpose Switch	0.22
2N2906	511-2N2906	TO-18	PNP General Purpose SS	0.50
2N2906A	511-2N2906A	TO-18	PNP General Purpose SS	0.51
♦ 2N2907S	333-2N2907S	SOT-23	PNP General Purpose SS	0.38
2N2907	333-KTN2907	TO-92	PNP General Purpose SS	0.25
2N2907	511-2N2907	TO-18	PNP General Purpose SS	0.35
PN2907	333-KN2907	TO-92	PNP General Purpose Switch	0.18
PN2907	592-PN2907	TO-92	PNP General Purpose SW	0.22
2N2907A	333-2N2907A	TO-18	PNP General Purpose SS	0.37
2N2907A	511-2N2907A	TO-18	PNP General Purpose SS	0.37
2N2907A	333-KTN2907A	TO-92	PNP General Purpose SS	0.33
♦ 2N2907AS	333-KTN2907AS	SOT-23	PNP General Purpose SS	0.35
PN2907A	592-PN2907A	TO-92	PNP General Purpose Switch	0.22
2N2925	592-2N2925	TO-92	NPN General Purpose SS	0.25
2N3013	511-2N3013	TO-18	NPN Fast Switch SS	0.75
2N3014	511-2N3014	TO-18	NPN Fast Switch SS	0.80
2N3019	511-2N3019	TO-39	NPN General Purpose SS	0.74
2N3020	333-2N3020	TO-39	NPN General Purpose SS	0.61
2N3020	511-2N3020	TO-39	NPN General Purpose SS	0.74
2N3053	511-2N3053	TO-39	NPN General Purpose SS	0.67
2N3055	511-2N3055	TO-3	NPN Power Switch	1.33
2N3055A	333-2N3055A	TO-3	NPN Power Switch	1.49
2N3108	511-2N3108	TO-39	NPN General Purpose SS	0.80
2N3109	511-2N3109	TO-39	NPN General Purpose SS	0.76

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570
Rohm	592

"2N" Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
SGS Thomson	511
Teccor	519

◆ **Surface Mount Device**

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N3110	511-2N3110	TO-39	NPN General Purpose SS	0.76
2N3114	511-2N3114	TO-18	NPN Hi-Volt	0.94
2N3117	333-2N3117	TO-18	NPN Low Level SS	1.36
2N3209	511-2N3209	TO-18	PNP Hi-Speed Switch	0.71
2N3250	511-2N3250	TO-18	PNP General Purpose SS	0.60
PN3250	592-PN3250	TO-92	PNP General Purpose Switch	0.22
PN3250A	592-PN3250A	TO-92	PNP General Purpose Switch	0.22
PN3251	592-PN3251	TO-92	PNP General Purpose Switch	0.22
2N3251A	333-2N3251A	TO-18	PNP General Purpose SS	0.54
PN3251A	592-PN3251A	TO-92	PNP General Purpose Switch	0.22
2N3300	511-2N3300	TO-39	NPN General Purpose SS	0.81
2N3301	511-2N3301	TO-18	NPN General Purpose SS	0.55
2N3302	511-2N3302	TO-18	NPN General Purpose SS	0.67
2N3419	511-2N3419	TO-39	NPN Power Switch	2.44
2N3420	511-2N3420	TO-39	NPN Power Switch	1.77
2N3421	511-2N3421	TO-39	NPN Power Switch	2.65
2N3439	511-2N3439	TO-39	NPN Power Switch	0.67
2N3440	511-2N3440	TO-39	NPN Power Switch	0.67
2N3442	333-2N3442	TO-3	NPN Power Switch	2.52
2N3442	570-2N3442	TO-3	NPN Power Switch	4.11
2N3501	333-2N3501	TO-39	NPN General Purpose SS	1.53
2N3502	511-2N3502	TO-39	PNP General Purpose SS	0.74
2N3503	511-2N3503	TO-39	PNP General Purpose SS	0.74
2N3504	511-2N3504	TO-18	PNP General Purpose SS	0.61
2N3505	511-2N3505	TO-18	PNP General Purpose SS	0.51
PN2564	592-PN3564	TO-92	NPN Hi-Frequency Switch	0.26
PN3566	592-PN3566	TO-92	NPN General Purpose Switch	0.22
2N3567	333-2N3567	TO-105	NPN General Purpose	0.62
2N3583	570-2N3583	TO-66	NPN Hi-Volt	1.88
2N3636	333-2N3636	TO-39	PNP General Purpose SS	1.70
PN3644	592-PN3644	TO-92	PNP General Purpose Switch	0.27
PN3645	592-PN3645	TO-92	PNP General Purpose	0.27
2N3700	511-2N3700	TO-18	NPN General Purpose SS	0.75
2N3702	333-2N3702	TO-92	PNP General Purpose Switch	0.31
2N3703	333-2N3703	TO-92	PNP General Purpose Switch	0.31
2N3703	592-2N3703	TO-92	PNP General Purpose SS	0.25
2N3704	333-2N3704	TO-92	NPN General Purpose Switch	0.31
2N3704	592-2N3704	TO-92	NPN General Purpose Switch	0.31
2N3705	333-2N3705	TO-92	NPN General Purpose Switch	0.31
2N3706	592-2N3706	TO-92	NPN General Purpose Switch	0.31
2N3708	592-2N3708	TO-92	NPN General Purpose SS	0.22
2N3711	592-2N3711	TO-92	NPN General Purpose SS	0.31
2N3716	511-2N3716	TO-3	NPN General Purpose Power	1.45
2N3724	511-2N3724	TO-39	NPN Fast Switch SS	0.97
2N3725	511-2N3725	TO-39	NPN Fast Switch SS	1.01
2N3771	511-2N3771	TO-3	NPN Power Switch	2.60
2N3772	511-2N3772	TO-3	NPN Power Switch	2.69
2N3773	333-2N3773	TO-3	NPN Power Switch	2.82
2N3789	511-2N3789	TO-3	PNP Power Switch	1.52
2N3791	570-2N3791	TO-3	PNP Power Switch	2.70
2N3791	511-2N3791	TO-3	PNP Power Switch	1.61
2N3792	570-2N3792	TO-3	PNP Power Switch	3.36
2N3792	511-2N3792	TO-3	PNP Power Switch	1.61
2N3839	511-2N3839	TO-72	NPN VHF/UHF AM	1.66
2N3860	592-2N3860	TO-92	NPN General Purpose SS	0.25
2N3866	511-2N3866	TO-39	NPN VHF/UHF AM	1.50
2N3867	511-2N3867	TO-39	PNP Power Switch	2.07
2N3868	511-2N3868	TO-39	PNP Power Switch	2.65
2N3878	570-2N3878	TO-66	NPN Hi-Speed Switch	2.20
2N3879	570-2N3879	TO-66	NPN Hi-Speed Switch	2.98
2N3904	592-2N3904	TO-92	NPN General Purpose SS	0.22
2N3904	333-2N3904	TO-92	NPN General Purpose SS	0.18
◆ 2N3904S	333-2N3904S	SOT-23	NPN General Purpose SS	0.34
PN3904	333-KN3904	TO-92	NPN General Purpose Switch	0.18
2N3905	333-2N3905	TO-92	PNP General Purpose SS	0.18
2N3906	592-2N3906	TO-92	PNP General Purpose SS	0.18
2N3906	333-2N3906	TO-92	PNP General Purpose SS	0.18
◆ 2N3906S	333-2N3906S	SOT-23	PNP General Purpose SS	0.24
PN3906	333-KN3906	TO-92	PNP General Purpose Switch	0.18
2N3930	511-2N3930	TO-18	PNP Hi-Volt SS	0.97
2N3931	511-2N3931	TO-39	PNP Hi-Volt SS	0.89
2N3962	333-2N3962	TO-18	PNP Low Level SS	0.83
2N3962	511-2N3962	TO-18	PNP Low Level SS	0.83
2N3963	511-2N3963	TO-18	PNP Low Level SS	0.67
2N3964	511-2N3964	TO-18	PNP Low Level SS	0.99
2N3965	511-2N3965	TO-18	PNP Low Level SS	0.87
2N4013	511-2N4013	TO-18	NPN Hi-Current Switch	0.87
2N4014	511-2N4014	TO-18	PNP Hi-Current Switch	1.10
2N4031	511-2N4031	TO-39	PNP General Purpose SS	0.78
2N4032	511-2N4032	TO-39	PNP General Purpose SS	0.78
2N4033	511-2N4033	TO-39	PNP General Purpose SS	0.87
2N4034	511-2N4034	TO-18	PNP General Purpose SS	0.78

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N4035	511-2N4035	TO-18	PNP General Purpose SS	0.71
2N4036	511-2N4036	TO-39	PNP General Purpose SS	0.92
2N4058	592-2N4058	TO-92	PNP Low LK Amp	0.22
2N4059	592-2N4059	TO-92	PNP General Purpose SS	0.22
2N4064	570-2N4064	TO-39	NPN Hi-Volt	1.44
2N4122	592-2N4122	TO-92	PNP General Purpose SS	0.22
2N4123	333-2N4123	TO-92	NPN General Purpose SS	0.26
2N4124	333-2N4124	TO-92	NPN General Purpose SS	0.26
2N4124	592-2N4124	TO-92	NPN General Purpose SS	0.26
PN4124	333-PN4124	TO-92	NPN General Purpose Switch	0.17
2N4125	333-2N4125	TO-92	PNP General Purpose SS	0.26
2N4125	592-2N4125	TO-92	PNP General Purpose Switch	0.26
2N4126	333-2N4126	TO-92	PNP General Purpose SS	0.26
2N4126	592-2N4126	TO-92	PNP General Purpose SS	0.31
PN4141	592-PN4141	TO-92	NPN General Purpose Switch	0.22
PN4143	592-PN4143	TO-92	PNP General Purpose Switch	0.22
2N4150	511-2N4150	TO-39	NPN Transistor	4.23
2N4208	333-2N4208	TO-52	PNP Saturated Sw	3.85
2N4238	511-2N4238	TO-39	NPN Power Switch	1.70
2N4239	511-2N4239	TO-39	PNP Power Switch	1.61
PN4248	592-PN4248	TO-92	PNP Low LK Amp	0.22
PN4249	592-PN4249	TO-92	PNP Low LK Amp	0.22
2N4347	570-2N4347	TO-3	NPN Hi-Volt	4.11
2N4358	511-2N4358	TO-39	PNP Small Signal	1.36
2N4391	333-2N4391	TO-18	N-Channel JFET	1.06
2N4392	333-2N4392	TO-18	N-Channel JFET	1.06
2N4399	511-2N4399	TO-3	PNP Power Switch	4.05
2N4400	333-2N4400	TO-92	NPN General Purpose SS	0.26
2N4400	592-2N4400	TO-92	NPN General Purpose Switch	0.26
2N4401	333-2N4401	TO-92	NPN General Purpose SS	0.18
2N4401	592-2N4401	TO-92	NPN General Purpose SS	0.18
2N4402	333-2N4402	TO-92	PNP General Purpose SS	0.18
2N4403	333-2N4403	TO-92	PNP General Purpose SS	0.18
2N4403	592-2N4403	TO-92	PNP General Purpose SS	0.18
PN4403	333-KN4403	TO-92	PNP General Purpose SW	0.18
2N4409	592-2N4409	TO-92	NPN General Purpose SS	0.22
2N4410	333-2N4410	TO-92	NPN Low Level SS	0.31
2N4410	592-2N4410	TO-92	NPN General Purpose SS	0.31
2N4427	511-2N4427	TO-39	NPN VHF/UHF AM	0.92
2N4895	511-2N4895	TO-39	NPN Power Switch	1.84
2N4896	511-2N4896	TO-39	NPN Power Switch	1.93
2N4898	570-2N4898	TO-66	PNP General Purpose Power	1.66
2N4899	570-2N4899	TO-66	PNP General Purpose Power	1.57
2N4900	570-2N4900	TO-66	PNP General Purpose Power	1.84
2N4904	570-2N4904	TO-204	PNP BIPO Transistor	2.80
2N4905	570-2N4905	TO-3	PNP BIPO Transistor	3.21
2N4906	570-2N4906	TO-204	PNP BIPO Transistor	3.34
2N4918	511-2N4918	TO-126	PNP Medium Power	0.51
2N4919	511-2N4919	TO-126	PNP Medium Power	0.51
2N4920	511-2N4920	TO-126	PNP Medium Power	0.53
2N4921	511-2N4921	TO-126	NPN Medium Power	0.51
2N4922	511-2N4922	TO-126	NPN Medium Power	0.51
2N4923	511-2N4923	TO-126	NPN Medium Power	0.53
2N5038	570-2N5038	TO-3	NPN Power Switch	4.20
2N5038	511-2N5038	TO-3	NPN Power Switch	3.68
2N5039	570-2N5039	TO-3	NPN Power Switch	4.52
2N5039	511-2N5039	TO-3	NPN Power Switch	3.59
2N5050	570-2N5050	TO-66	NPN Medium Power	3.55
2N5051	570-2N5051	TO-66	NPN Medium Power	4.02
2N5052	570-2N5052	TO-39	NPN Hi-Volt	4.46
2N5060	519-2N5060	TO-92	0.8A 30V SCR	0.52
2N5062	519-2N5062	TO-92	0.8A 100V SCR	0.58
2N5064	519-2N5064	TO-92	0.8A 200V SCR	0.59
2N5086	333-2N5086	TO-92	PNP General Purpose SS	0.31
2N5086	592-2N5086	TO-92	PNP General Purpose SS	0.31
2N5087	333-2N5087	TO-92	PNP General Purpose SS	0.26
2N5087	592-2N5087	TO-92	PNP General Purpose SS	0.26
2N5088	333-2N5088	TO-92	NPN General Purpose SS	0.31
2N5088	592-2N5088	TO-92	NPN General Purpose SS	0.31
2N5089	333-2N5089	TO-92	NPN General Purpose SS	0.31
2N5109	511-2N5109	TO-39	NPN Wideband AM	1.66
PN5139	592-PN5139	TO-92	PNP General Purpose Switch	0.22
2N5151	511-2N5151	TO-39	PNP Medium Power	3.59
2N5152	511-2N5152	TO-39	NPN Medium Power	3.03
2N5153	511-2N5153	TO-39	PNP Power Switch	3.91
2N5154	511-2N5154	TO-39	NPN Power Switch	3.45
2N5172	592-2N5172	TO-92	NPN General Purpose SS	0.26
2N5179	511-2N5179	TO-72	NPN VHF Amp SS	0.75
2N5190	511-2N5190	TO-126	NPN Power Switch	0.51
2N5191	511-2N5191	TO-126	NPN Power Switch	0.55
2N5192	511-2N5192	TO-126	NPN Power Switch	0.58
2N5193	511-2N5193	TO-126	PNP Power Switch	0.51

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570

“2N” Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
Rohm	592
SGS Thomson	511

♦ **Surface Mount Device**

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N5194	**511-2N5194**	TO-126	PNP Power Switch	**0.55**
2N5195	**511-2N5195**	TO-126	PNP Power Switch	**0.58**
2N5202	**570-2N5202**	TO-66	NPN Medium Power	**2.73**
2N5209	**333-2N5209**	TO-92	NPN General Purpose SS	**0.26**
2N5210	**333-2N5210**	TO-92	NPN General Purpose SS	**0.26**
2N5210	**592-2N5210**	TO-92	NPN General Purpose SS	**0.26**
2N5220	**592-2N5220**	TO-92	NPN General Purpose	**0.22**
2N5226	**333-2N5226**	TO-92	PNP General Purpose SS	**0.31**
2N5232A	**592-2N5232A**	TO-92	NPN General Purpose SS	**0.31**
2N5239	**570-2N5239**	TO-3	NPN Hi-Volt	**7.08**
2N5240	**570-2N5240**	TO-3	NPN Hi-Volt	**7.60**
2N5295	**570-2N5295**	TO-220AA	NPN Power Transistor	**0.96**
2N5303	**570-2N5303**	TO-3	NPN Hi-Power Amp	**2.91**
2N5305	**592-2N5305**	TO-92	NPN Darlington Amp	**0.30**
2N5306	**333-2N5306**	TO-92	NPN Darlington Amp	**0.25**
2N5306	**592-2N5306**	TO-92	NPN Darlington Amp	**0.31**
2N5308	**592-2N5308**	TO-92	NPN Darlington Amp	**0.31**
2N5320	**511-2N5320**	TO-39	NPN General Purpose SS	**0.87**
2N5321	**511-2N5321**	TO-39	NPN General Purpose SS	**0.83**
2N5322	**570-2N5322**	TO-39	PNP General Purpose SS	**1.77**
2N5322	**511-2N5322**	TO-39	PNP General Purpose SS	**0.87**
2N5323	**570-2N5323**	TO-39	PNP General Purpose SS	**1.43**
2N5323	**511-2N5323**	TO-39	PNP General Purpose SS	**0.83**
2N5336	**511-2N5336**	TO-39	NPN Medium Power Switch	**3.31**
2N5337	**511-2N5337**	TO-39	NPN Medium Power Switch	**3.73**
2N5338	**511-2N5338**	TO-39	NPN Medium Power Switch	**3.73**
2N5339	**511-2N5339**	TO-39	NPN Medium Power Switch	**4.35**
2N5400	**333-2N5400**	TO-92	PNP General Purpose Amp	**0.19**
PN5400	**333-KN5400**	TO-92	PNP Hi-Volt Amp	**0.18**
2N5401	**333-2N5401**	TO-92	PNP General Purpose Amp	**0.19**
♦ 2N5401S	**333-2N5401S**	SOT-23	PNP General Purpose Amp	**0.43**
2N5415	**511-2N5415**	TO-39	PNP Power Switch	**0.87**
2N5416	**570-2N5416**	TO-39	PNP Power Switch	**1.68**
2N5416	**511-2N5416**	TO-39	PNP Power Switch	**0.94**
2N5490	**570-2N5490**	TO-220AB	NPN Power Transistor	**1.05**
2N5491	**570-2N5491**	TO-220AA	NPN Power Transistor	**1.05**
2N5492	**570-2N5492**	TO-220AB	NPN Power Transistor	**1.09**
2N5493	**570-2N5493**	TO-220AB	NPN Power Transistor	**1.09**
2N5494	**570-2N5494**	TO-220AB	NPN Power Transistor	**1.25**
2N5495	**570-2N5495**	TO-220AA	NPN Power Transistor	**1.25**
2N5496	**570-2N5496**	TO-220AB	NPN Power Transistor	**1.34**
2N5497	**570-2N5497**	TO-220AB	NPN Power Transistor	**1.16**
2N5550	**333-2N5550**	TO-92	NPN General Purpose SS	**0.26**
2N5551	**333-2N5551**	TO-92	NPN General Purpose SS	**0.26**
2N5629	**570-2N5629**	TO-3	NPN Hi-Power Transistor	**4.89**
2N5629	**511-2N5629**	TO-3	NPN Hi-Power Transistor	**3.61**
2N5630	**570-2N5630**	TO-3	NPN Hi-Power Transistor	**5.09**
2N5632	**570-2N5632**	TO-3	NPN Hi-Power Transistor	**4.52**
2N5633	**570-2N5633**	TO-3	NPN Hi-Power Transistor	**4.52**
2N5634	**570-2N5634**	TO-3	NPN Hi-Power Transistor	**4.52**
2N5655	**511-2N5655**	TO-126	NPN Fast Switch Power	**0.67**
2N5657	**511-2N5657**	TO-126	NPN Fast Switch Power	**0.74**
2N5671	**570-2N5671**	TO-3	NPN Fast Switch Power	**8.18**
2N5671	**511-2N5671**	TO-3	NPN Fast Switch Power	**8.05**
2N5672	**570-2N5672**	TO-3	NPN Fast Switch Power	**6.69**
2N5672	**511-2N5672**	TO-3	NPN Fast Switch Power	**8.33**
2N5679	**511-2N5679**	TO-39	PNP Power Switch	**1.47**
2N5680	**511-2N5680**	TO-39	PNP Power Switch	**1.66**
2N5681	**511-2N5681**	TO-39	NPN Power Switch	**1.47**
2N5682	**511-2N5682**	TO-39	NPN Power Switch	**1.47**
2N5770	**333-2N5770**	TO-92	NPN RF Amp/Osc	**0.31**
2N5772	**333-2N5772**	TO-92	NPN General Purpose Switch	**0.52**
2N5781	**570-2N5781**	TO-39	PNP Power Transistor	**2.16**
2N5782	**570-2N5782**	TO-39	PNP Power Transistor	**2.16**
2N5783	**570-2N5783**	TO-39	PNP Power Transistor	**2.16**
2N5784	**570-2N5784**	TO-39	NPN Power Transistor	**2.36**
2N5784	**511-2N5784**	TO-39	NPN Power Transistor	**1.66**
2N5785	**570-2N5785**	TO-39	NPN Power Transistor	**2.36**
2N5786	**570-2N5786**	TO-39	NPN Power Transistor	**2.36**
2N5817	**592-2N5817**	TO-92	PNP General Purpose	**0.22**
2N5819	**592-2N5819**	TO-92	PNP Medium Power Amp	**0.31**
2N5839	**570-2N5839**	TO-3	NPN Hi-Volt Power	**5.65**
2N5871	**570-2N5871**	TO-3	PNP Power Transistor	**2.05**
2N5871	**511-2N5871**	TO-3	PNP Power Transistor	**1.38**
2N5872	**570-2N5872**	TO-3	PNP Power Transistor	**2.80**
2N5872	**511-2N5872**	TO-3	PNP Power Transistor	**1.16**
2N5873	**511-2N5873**	TO-3	NPN Power Transistor	**1.10**
2N5875	**570-2N5875**	TO-3	PNP Power Switch	**2.80**
2N5875	**511-2N5875**	TO-3	PNP Power Switch	**1.59**
2N5878	**333-2N5878**	TO-3	NPN General Purpose Amp	**2.22**
2N5880	**570-2N5880**	TO-3	NPN Power Switch	**2.80**
2N5881	**333-2N5881**	TO-3	NPN Power Switch	**2.61**

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N5881	**570-2N5881**	TO-3	NPN Power Switch	**3.00**
2N5882	**333-2N5882**	TO-3	NPN Power Switch	**2.66**
2N5882	**570-2N5882**	TO-3	NPN Power Switch	**3.18**
2N5883	**333-2N5883**	TO-3	PNP Power Switch	**3.47**
2N5884	**511-2N5884**	TO-3	PNP Power Switch	**3.43**
2N5885	**333-2N5885**	TO-3	NPN Power Switch	**3.13**
2N5885	**570-2N5885**	TO-3	NPN Power Switch	**3.29**
2N5885	**511-2N5885**	TO-3	NPN Power Switch	**3.29**
2N5886	**333-2N5886**	TO-3	NPN Power Switch	**3.37**
2N5886	**570-2N5886**	TO-3	NPN Power Switch	**3.55**
2N5886	**511-2N5886**	TO-3	NPN Power Switch	**3.43**
2N5902	**570-2N5902**	TO-78	JFET Diff Amp	**10.40**
2N5904	**570-2N5904**	TO-78	JFET Diff Amp	**9.46**
2N5908	**570-2N5908**	TO-99	JFET Diff Amp	**8.09**
2N5955	**570-2N5955**	TO-66	PNP Medium Power Switch	**1.84**
2N5956	**570-2N5956**	TO-66	PNP Medium Power Switch	**1.43**
2N5961	**333-2N5961**	TO-92	NPN Low Level SS	**0.39**
2N6028	**570-2N6028**	TO-92	Programmable Unijunction	**0.59**
2N6032	**570-2N6032**	TO-3	NPN Power Switch	**14.68**
2N6034	**511-2N6034**	TO-126	PNP Darlington	**0.51**
2N6035	**511-2N6035**	TO-126	PNP Darlington	**0.53**
2N6036	**511-2N6036**	TO-126	PNP Darlington	**0.55**
2N6037	**511-2N6037**	TO-126	NPN Darlington	**0.51**
2N6038	**511-2N6038**	TO-126	NPN Darlington	**0.53**
2N6039	**511-2N6039**	TO-126	NPN Darlington	**0.55**
2N6041	**333-2N6041**	TO-220	PNP Darlington Switch	**1.66**
2N6042	**333-2N6042**	TO-220	PNP Darlington Switch	**1.69**
2N6043	**333-2N6043**	TO-220	NPN Darlington Switch	**1.69**
2N6044	**570-2N6044**	TO-220AB	NPN Darlington Switch	**2.11**
2N6045	**570-2N6045**	TO-220AB	NPN Darlington	**2.62**
2N6050	**570-2N6050**	TO-3	PNP Darlington	**4.62**
2N6050	**511-2N6050**	TO-3	PNP Darlington	**1.70**
2N6051	**333-2N6051**	TO-3	PNP Darlington	**3.48**
2N6051	**570-2N6051**	TO-3	PNP Darlington	**5.84**
2N6052	**570-2N6052**	TO-3	PNP Darlington	**6.44**
2N6052	**511-2N6052**	TO-3	PNP Darlington	**1.75**
2N6053	**511-2N6053**	TO-3	PNP Darlington	**1.66**
2N6055	**570-2N6055**	TO-3	NPN Darlington	**2.89**
2N6055	**511-2N6055**	TO-3	NPN Darlington	**1.70**
2N6056	**570-2N6056**	TO-3	NPN Darlington	**3.59**
2N6057	**570-2N6057**	TO-3	NPN Darlington	**3.45**
2N6057	**511-2N6057**	TO-3	NPN Darlington	**1.70**
2N6058	**570-2N6058**	TO-3	NPN Darlington	**3.95**
2N6058	**511-2N6058**	TO-3	NPN Darlington	**2.07**
2N6059	**570-2N6059**	TO-3	NPN Darlington	**4.64**
2N6059	**511-2N6059**	TO-3	NPN Darlington	**2.19**
2N6076	**592-2N6076**	TO-92	NPN General Purpose	**0.25**
2N6099	**511-2N6099**	TO-220	NPN Power Transistor	**1.06**
2N6106	**570-2N6106**	TO-220AA	PNP Power Transistor	**1.02**
2N6107	**570-2N6107**	TO-220AB	PNP Medium Power	**0.87**
2N6107	**511-2N6107**	TO-220	PNP Medium Power	**0.83**
2N6108	**570-2N6108**	TO-220AA	PNP Medium Power	**1.02**
2N6109	**570-2N6109**	TO-220AB	PNP Medium Power	**0.68**
2N6109	**511-2N6109**	TO-220	PNP Medium Power	**0.78**
2N6110	**570-2N6110**	TO-220AA	PNP Medium Power	**0.98**
2N6111	**570-2N6111**	TO-220AB	PNP Medium Power	**0.75**
2N6111	**511-2N6111**	TO-220	PNP Medium Power	**0.64**
2N6122	**570-2N6122**	TO-220AB	NPN Medium Power	**0.75**
2N6122	**511-2N6122**	TO-220	NPN Medium Power	**0.76**
2N6123	**570-2N6123**	TO-220AB	NPN Medium Power	**0.80**
2N6124	**570-2N6124**	TO-220AB	PNP Medium Power	**0.75**
2N6125	**511-2N6125**	TO-220	PNP Medium Power	**0.76**
2N6126	**570-2N6126**	TO-220AB	PNP Medium Power	**0.87**
2N6129	**570-2N6129**	TO-220	NPN GP Power	**1.25**
2N6130	**570-2N6130**	TO-220	NPN GP Power	**1.20**
2N6131	**570-2N6131**	TO-220	NPN GP Power	**1.52**
2N6133	**570-2N6133**	TO-220AB	PNP GP Power	**1.23**
2N6213	**570-2N6213**	TO-66	PNP HI-V/MDPWR	**3.50**
2N6246	**570-2N6246**	TO-3	PNP Hi-Power Transistor	**2.20**
2N6247	**570-2N6247**	TO-3	PNP Hi-Power Transistor	**2.95**
2N6248	**570-2N6248**	TO-3	PNP Hi-Power Transistor	**3.36**
2N6249	**570-2N6249**	TO-3	NPN Hi-Volt Power	**7.08**
2N6250	**570-2N6250**	TO-3	NPN Hi-Volt Power	**7.29**
2N6251	**570-2N6251**	TO-3	NPN Hi-Volt Power	**6.87**
2N6264	**570-2N6264**	TO-66	NPN Power Transistor	**2.07**
2N6282	**511-2N6282**	TO-3	NPN Darlington Switch	**3.98**
2N6283	**570-2N6283**	TO-3	NPN Darlington Switch	**4.34**
2N6283	**511-2N6283**	TO-3	NPN Darlington Switch	**4.19**
2N6284	**333-2N6284**	TO-3	NPN Darlington Switch	**4.39**
2N6284	**570-2N6284**	TO-3	NPN Darlington Switch	**5.30**
2N6284	**511-2N6284**	TO-3	NPN Darlington Switch	**4.42**
2N6285	**570-2N6285**	TO-3	PNP Darlington Switch	**5.05**

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570

"2N" to "40000" Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
Rohm	592
SGS Thomson	511
Teccor	519

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each
				1-99
2N6285	511-2N6285	TO-3	PNP Darlington Switch	3.29
2N6286	570-2N6286	TO-3	PNP Darlington Switch	6.17
2N6286	511-2N6286	TO-3	PNP Darlington Switch	3.43
2N6287	570-2N6287	TO-3	PNP Darlington Switch	5.62
2N6287	511-2N6287	TO-3	PNP Darlington Switch	3.63
2N6288	570-2N6288	TO-220AB	NPN Power Switch	0.93
2N6288	511-2N6288	TO-220	NPN Power Switch	0.67
2N6289	570-2N6289	TO-220AA	NPN Power Switch	1.02
2N6290	570-2N6290	TO-220AB	NPN Power Switch	0.96
2N6291	570-2N6291	TO-220	NPN Power Switch	0.93
2N6292	570-2N6292	TO-220AB	NPN Power Switch	0.96
2N6292	511-2N6292	TO-220	NPN Power Switch	0.71
2N6293	570-2N6293	TO-220AA	NPN Power Switch	0.93
2N6312	570-2N6312	TO-66	PNP General Purpose Power	1.41
2N6313	570-2N6313	TO-66	PNP General Purpose Power	1.64
2N6314	570-2N6314	TO-66	PNP General Purpose Power	2.09
2N6326	570-2N6326	TO-3	PNP General Purpose Power	3.29
2N6327	570-2N6327	TO-3	PNP General Purpose Power	3.32
2N6383	570-2N6383	TO-3	NPN Power Darlington	2.59
2N6383	511-2N6383	TO-3	NPN Power Darlington	1.66
2N6384	333-2N6384	TO-3	NPN Power Darlington	2.59
2N6384	570-2N6384	TO-3	NPN Power Darlington	3.59
2N6385	570-2N6385	TO-3	NPN Power Darlington	2.09
2N6386	570-2N6386	TO-220AB	NPN Power Darlington	1.04
2N6386	511-2N6386	TO-220	NPN Power Darlington	0.74
2N6387	333-2N6387	TO-220	NPN Power Darlington	0.76
2N6387	570-2N6387	TO-220AB	NPN Power Darlington	1.14
2N6387	511-2N6387	TO-220	NPN Power Darlington	0.76
2N6388	570-2N6388	TO-220AB	NPN Power Darlington	1.12
2N6388	511-2N6388	TO-220	NPN Power Darlington	0.78
2N6396	570-2N6396	TO-220AB	12A 250V SCR	1.11
2N6421	570-2N6421	TO-66	PNP HI-V/MDPWR	3.66
2N6422	570-2N6422	TO-66	PNP HI-V/MDPWR	2.16
2N6423	570-2N6423	TO-66	PNP HI-V/MDPWR	2.23
2N6426	592-2N6426	TO-92	NPN Darlington Amp	0.31
2N6427	592-2N6427	TO-92	NPN Darlington Amp	0.31
2N6467	570-2N6467	TO-66	PNP Medium Power	1.91
2N6468	570-2N6468	TO-66	PNP Medium Power	2.11
2N6473	570-2N6473	TO-220AB	NPN Medium Power	0.98
2N6474	570-2N6474	TO-220AB	NPN Medium Power	1.20
2N6475	570-2N6475	TO-220AB	PNP Medium Power	1.05
2N6476	570-2N6476	TO-220AB	PNP Medium Power	1.32
2N6477	570-2N6477	TO-220AB	NPN Medium Power	1.23
2N6478	570-2N6478	TO-220AB	NPN Medium Power	1.48
2N6486	570-2N6486	TO-220AB	NPN Medium Power	1.27
2N6486	511-2N6486	TO-220	NPN Medium Power	0.69
2N6487	570-2N6487	TO-220AB	NPN Medium Power	1.27
2N6487	511-2N6487	TO-220	NPN Medium Power	0.71
2N6488	570-2N6488	TO-220AB	NPN Medium Power	1.79
2N6488	511-2N6488	TO-220	NPN Medium Power	0.74
2N6489	570-2N6489	TO-220AB	PNP Medium Power	1.41
2N6489	511-2N6489	TO-220	PNP Medium Power	0.76
2N6490	570-2N6490	TO-220AB	PNP Medium Power	1.59
2N6490	511-2N6490	TO-220	PNP Medium Power	0.78
2N6491	570-2N6491	TO-220AB	PNP Medium Power	1.93
2N6491	511-2N6491	TO-220	PNP Medium Power	0.81
2N6496	570-2N6496	TO-3	NPN Hi-Speed Power Switch	7.02
2N6496	511-2N6496	TO-3	NPN Hi-Speed Power Switch	4.55
2N6497	333-2N6497	TO-220	NPN High Voltage Switch	1.71
2N6498	333-2N6498	TO-220	NPN High Voltage Switch	1.77
2N6499	333-2N6499	TO-220	NPN High Voltage Switch	1.84
2N6500	570-2N6500	TO-66	NPN Hi-Speed Switch	2.84
2N6530	570-2N6530	TO-220AB	NPN Power Darlington	1.86
2N6531	570-2N6531	TO-220AB	NPN Power Darlington	2.23
2N6532	570-2N6532	TO-220AB	NPN Power Darlington	2.46
2N6533	570-2N6533	TO-220AB	NPN Power Darlington	2.71
2N6542	570-2N6542	TO-3	NPN Power Switch	3.89
2N6543	333-2N6543	TO-3	NPN Power Switch	3.34
2N6544	333-2N6544	TO-3	NPN Power Switch	3.19
2N6544	570-2N6544	TO-204AA	NPN Power Switch	4.20
2N6544	511-2N6544	TO-3	NPN Power Switch	3.19
2N6545	333-2N6545	TO-3	NPN Power Switch	3.69
2N6545	570-2N6545	TO-204AA	NPN Power Switch	5.82
2N6545	511-2N6545	TO-3	NPN Power Switch	3.75
2N6546	333-2N6546	TO-3	NPN Power Switch	4.44
2N6546	570-2N6546	TO-204AA	NPN Power Switch	7.17
2N6546	511-2N6546	TO-3	NPN Power Switch	4.44
2N6547	333-2N6547	TO-3	NPN Power Switch	4.79
2N6547	570-2N6547	TO-3	NPN Power Switch	7.08
2N6547	511-2N6547	TO-3	NPN Power Switch	4.83
2N6564	519-2N6564	TO-92	0.8A 300V SCR	0.60
2N6576	570-2N6576	TO-3	NPN Darlington Switch	3.59

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each
				1-99
2N6578	570-2N6578	TO-3	NPN Darlington Switch	1.92
2N6594	333-2N6594	TO-3	PNP Power Transistor	1.80
2N6594	570-2N6594	TO-3	PNP Power Transistor	2.80
2N6609	333-2N6609	TO-3	PNP Hi-Pcwer Switch	3.89
2N6609	570-2N6609	TO-3	PNP Hi-Power Switch	3.57
2N6648	333-2N6648	TO-3	PNP Power Darlington	2.24
2N6648	570-2N6648	TO-204AA	PNP Power Darlington	2.07
2N6648	511-2N6648	TO-3	PNP Power Darlington	1.81
2N6649	333-2N6649	TO-3	PNP Power Darlington	2.16
2N6649	570-2N6649	TO-204AA	PNP Power Darlington	2.45
2N6650	333-2N6650	TO-3	PNP Power Darlington	2.41
2N6650	570-2N6650	TO-204AA	PNP Power Darlington	2.54
2N6650	511-2N6650	TO-3	PNP Power Darlington	1.98
2N6666	570-2N6666	TO-220AB	PNP Power Darlington	1.55
2N6667	570-2N6667	TO-220AB	PNP Power Darlington	1.34
2N6668	333-2N6668	TO-220	PNP Power Darlington	1.54
2N6668	570-2N6668	TO-220AB	PNP Power Darlington	1.86
2N6671	570-2N6671	TO-204AA	NPN Hi-Volt	4.11
2N6672	570-2N6672	TO-204AA	NPN Hi-Volt	4.62
2N6673	570-2N6673	TO-204AA	NPN Hi-Volt	5.42
2N6674	570-2N6674	TO-204AA	Hi-Volt Power	7.23
2N6675	570-2N6675	TO-204AA	NPN Hi-Volt	3.79
2N6675	511-2N6675	TO-3	NPN Hi-Volt Switch	3.84
2N6678	570-2N6678	TO-3	NPN Hi-Volt Switch	7.71
2N6678	511-2N6678	TO-3	NPN Hi-Volt Switch	4.85
2N6686	570-2N6686	TO-3	NPN Hi-Volt Switch	8.49
2N6688	570-2N6688	TO-3	NPN Hi-Volt Switch	10.24
2N6702	570-2N6702	TO-220AB	NPN Hi-Current	1.71
2N6702	511-2N6702	TO-220	NPN Hi-Current Switch	1.86
2N6704	570-2N6704	TO-220AB	NPN Hi-Current	2.04
2N6714	333-2N6714	TO-237	NPN Medium Power	0.41
2N6738	570-2N6738	TO-220AB	NPN Power Transistor	3.25
2N6739	570-2N6739	TO-220AB	NPN Power Transistor	3.25
2N6740	570-2N6740	TO-220AB	NPN Hi-Speed Switch	2.64
2N6751	570-2N6751	TO-204AA	NPN Hi-Volt	3.89
2N6752	570-2N6752	TO-204AA	NPN Hi-Volt	5.38
2N6753	570-2N6753	TO-204AA	NPN Hi-Volt	7.02
2N6754	570-2N6754	TO-204AA	NPN Hi-Volt	8.27
2N6755	570-2N6755	TO-204	60V 12A MOSFET	2.82
2N6756	570-2N6756	TO-204	100V 14A MOSFET	3.82
2N6757	570-2N6757	TO-204	150V 8A MOSFET	3.87
2N6758	570-2N6758	TO-204	200V 9A MOSFET	3.93
2N6759	570-2N6759	TO-204	350V 4.5A MOSFET	3.93
2N6760	570-2N6760	TO-204	400V 5.5A MOSFET	3.93
2N6760	584-2N6760	TO-3	HEXFET 400V 5.5	3.69
2N6761	570-2N6761	TO-204	450V 4A MOSFET	3.93
2N6762	570-2N6762	TO-3	500V 4.5A MOSFET	3.93
2N6762	584-2N6762	TO-3	HEXFET 500V 4.5	3.74
2N6763	570-2N6763	TO-204	60V 30A MOSFET	8.91
2N6764	570-2N6764	TO-204	100V 38A MOSFET	8.91
2N6765	570-2N6765	TO-204	150V 25A MOSFET	13.84
2N6767	570-2N6767	TO-204	350V 12A MOSFET	8.91
2N6768	570-2N6768	TO-204	400V 14A MOSFET	9.70
2N6769	570-2N6769	TO-204	450V 11A MOSFET	8.91
2N6770	570-2N6770	TO-204	500V 12A MOSFET	9.70
2N6771	570-2N6771	TO-220AB	NPN Power Transistor	1.12
2N6772	570-2N6772	TO-220AB	NPN Power Transistor	1.11
2N6773	570-2N6773	TO-220AB	NPN Power Transistor	1.11
2N6784	570-2N6784	TO-205	200V 2.25A MF	1.54
2N6788	570-2N6788	TO-205	100V 6A MOSFET	1.87
2N6792	570-2N6792	TO-205	400V 2A MOSFET	2.11
2N6796	570-2N6796	TO-205	100V 8A MOSFET	2.91
2N6798	570-2N6798	TO-205	200V 5.5A MOSFET	3.02
2N6802	570-2N6802	TO-205	500V 3.5A MOSFET	3.07
2N6804	570-2N6804	TO-204	100V 12A MOSFET	4.32
2N6895	570-2N6895	TO-205	100V 1.5A MOSFET	1.45
2N6896	570-2N6896	TO-204	100V 6A MOSFET	2.86
2N6898	570-2N6898	TO-204	100V 28A MOSFET	10.20
2N6901	570-2N6901	TO-205	Logic LVL FET	1.45
2N6902	570-2N6902	TO-204	Logic LVL FET	3.48
2N6904	570-2N6904	TO-204	200V 8A MOSFET	3.41
2N7056	511-2N7056	TO-218	Power MOSFET 200V	8.86
2N7059	511-2N7059	TO-218	Power MOSFET 500V	8.86
2SA733	333-2SA733	TO-92	PNP Audio Frequency Amp	0.25
2SC945	333-2SC945	TO-92	NPN Audio Frequency Amp	0.25
2SD313	333-2SD313	TO-220	NPN Power Transistor	1.29
2SD880	333-2SD880	TO-220	NPN Power Transistor	1.29
40251	570-40251	TO-3	NPN Gen Pur Switch / Amp	2.25
40313	570-40313	TO-66	NPN Hi-Speed Switch	1.89
40314	570-40314	TO-39	NPN Hi-Speed Switch	1.41
40318	570-40318	TO-66	NPN Hi-Speed Switch	1.77
40346	570-40346	TO-39	NPN Medium Power Switch	1.46

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570

"40000" to "IRFD" Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
SGS Thomson	511
Teccor	519

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each
				1-99
40347	570-40347	TO-39	NPN Hi-Volt Switch	2.36
40347V1	570-40347V1	TO-39	NPN Hi-Volt Switch	1.29
40348	570-40348	TO-39	NPN Hi-Volt Switch	2.36
40362	570-40362	TO-39	PNP Hi-Speed Switch	1.38
40373	570-40373	TO-66	NPN General Purpose Switch	2.25
40374	570-40374	TO-66	NPN Hi-Volt Switch	1.79
40389	570-40389	TO-39	NPN Hi-Speed Switch	1.09
40390	570-40390	TO-39	NPN Hi-Volt Switch	1.64
40394	570-40394	TO-39	NPN Hi-Speed Switch	1.41
40406	570-40406	TO-39	PNP Hi-Speed Switch	1.38
40407	570-40407	TO-39	NPN Hi-Speed Switch	1.41
40850	570-40850	TO-66	NPN Hi-Volt Switch	2.42
40913	570-40913	TO-66	NPN General Purpose Power	2.12
BC238	333-BC238	TO-92	NPN SS Audio Amp	0.28
BC239	333-BC239	TO-92	NPN SS Audio Amp	0.28
BC308	333-BC308	TO-92	PNP SS Audio Amp	0.18
BC309	333-BC309	TO-92	PNP SS Audio Amp	0.34
BC327	333-BC327	TO-92	PNP SS Audio Amp	0.46
BC328	333-BC328	TO-92	PNP SS Audio Amp	0.46
BC337	333-BC337	TO-92	NPN SS Audio Amp	0.22
BC338	333-BC338	TO-92	NPN SS Audio Amp	0.46
BC546	333-BC546	TO-92	NPN SS Hi-Gain	0.18
BC547	333-BC547	TO-92	NPN SS Audio Amp	0.28
BC548	333-BC548	TO-92	NPN SS Audio Amp	0.18
BC549	333-BC549	TO-92	NPN SS Audio Amp	0.18
BC550	333-BC550	TO-92	NPN SS Audio Amp	0.18
BC556	333-BC556	TO-92	PNP SS Hi-Gain	0.18
BC557	333-BC557	TO-92	PNP SS Audio Amp	0.28
BC558	333-BC558	TO-92	PNP SS Audio Amp	0.28
BC559	333-BC559	TO-92	PNP SS Audio Amp	0.18
BC560	333-BC560	TO-92	PNP SS Audio Amp	0.18
BD244C	570-BD244C	TO-220AB	PNP Hi-Power	1.34
BDX33A	570-BDX33A	TO-220AB	NPN Power Darlington	1.54
BDX34A	570-BDX34A	TO-220AB	PNP Power Darlington	1.80
BU407	333-BU407	TO-220	NPN Power Amp	2.39
BU408	333-BU408	TO-220	NPN Power Switch	1.86
D40K1	570-D40K1	TO-202	NPN Power Darlington	1.04
D40K2	570-D40K2	TO-202	NPN Power Darlington	1.14
D41K2	570-D41K2	TO-202	PNP Power Darlington	1.20
D42C2	570-D42C2	TO-202	NPN General Purpose Power	1.07
D43C2	570-D43C2	TO-202	PNP General Purpose Power	1.12
D44C8	570-D44C8	TO-220AB	NPN General Purpose Power	1.14
D44D2	570-D44D2	TO-220AB	NPN Darlington Power	1.41
D44D3	570-D44D3	TO-220AB	NPN Darlington Power	1.36
D44D4	570-D44D4	TO-220AB	NPN Darlington Power	1.93
D44D5	570-D44D5	TO-220AB	NPN Darlington Power	1.71
D44D6	570-D44D6	TO-220AB	NPN Darlington Power	2.23
D44E1	570-D44E1	TO-220AB	NPN Darlington Power	1.96
D44E2	570-D44E2	TO-220AB	NPN Darlington Power	1.84
D44E3	570-D44E3	TO-220AB	NPN Darlington Power	2.27
D44H5	570-D44H5	TO-220AB	NPN General Purpose Power	1.73
D44H11	570-D44H11	TO-220AB	NPN General Purpose Power	1.27
D44VH10	570-D44VH10	TO-220AB	NPN General Purpose Power	1.45
D45C8	570-D45C8	TO-220AB	PNP General Purpose Power	1.25
D45D2	570-D45D2	TO-220AB	PNP Darlington Power	1.54
D45D3	570-D45D3	TO-220AB	PNP Darlington Power	1.41
D45D5	570-D45D5	TO-220AB	PNP Darlington Power	1.52
D45E1	570-D45E1	TO-220AB	PNP Darlington Power	2.32
D45E2	570-D45E2	TO-220AB	PNP Darlington Power	2.82
D45E3	570-D45E3	TO-220AB	PNP Darlington Power	1.59
D45H5	570-D45H5	TO-220AB	PNP General Purpose Power	1.96
D45H11	570-D45H11	TO-220AB	PNP General Purpose Power	1.34
D45VH10	570-D45VH10	TO-220AB	PNP General Purpose Power	2.56
EC103B	519-EC103B	TO-92	0.8A 200V SCR	0.50
EC103D	519-EC103D	TO-92	0.8A 400V SCR	0.54
EC103Y	519-EC103Y	TO-92	0.8A 30V SCR	0.36
GES5307	570-GES5307	TO-92	NPN SS Darlington	0.24
GES5812	570-GES5812	TO-92	NPN Small Signal	0.19
GES5819	570-GES5819	TO-92	PNP Small Signal	0.19
IRF243	570-IRF243	TO-204AE	N-CH MOSFET 16A 150V	5.53
IRF250	570-IRF250	TO-204AE	N-CH MOSFET 30A 200V	7.32
IRF320	333-IRF320	TO-3	Power MOSFET 300V 3.0A	3.45
IRF320	570-IRF320	TO-204AA	N-CH MOSFET 3.3A 400V	3.43
IRF322	584-IRF322	TO-3	HEXFET 400V 2.8A	2.53
IRF330	333-IRF330	TO-3	Power MOSFET 400V 5.5A	4.07
IRF330	570-IRF330	TO-204AA	N-CH MOSFET 5.5A 400V	4.32
IRF340	333-IRF340	TO-3	Power MOSFET 400V 10A	5.64
IRF340	570-IRF340	TO-204AA	N-CH MOSFET 10A 400V	5.30
IRF350	570-IRF350	TO-204AA	N-CH MOSFET 15A 400V	7.21
IRF360	570-IRF360	TO-204AE	N-CH MOSFET 25A 400V	15.22
IRF420	333-IRF420	TO-3	Power MOSFET 500V 2.5A	3.60
IRF420	570-IRF420	TO-204AA	N-CH MOSFET 2.5A 500V	3.43

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each
				1-99
IRF421	584-IRF421	TO-3	HEXFET 450V 2.5A	2.47
IRF423	584-IRF423	TO-3	HEXFET 450V 2.2A	2.47
IRF430	333-IRF430	TO-3	Power MOSFET 500V 4.5A	5.17
IRF430	570-IRF430	TO-204AA	N-CH MOSFET 4.5A 500V	4.32
IRF433	584-IRF433	TO-3	HEXFET 450V 4A	2.70
IRF440	333-IRF440	TO-3	Power MOSFET 500V 8A	6.12
IRF440	570-IRF440	TO-204AA	N-CH MOSFET 8.0A 500V	5.34
IRF450	570-IRF450	TO-204AA	N-CH MOSFET 13A 500V	6.94
IRF460	570-IRF460	TO-204AE	N-CH MOSFET 21A 500V	14.11
IRF510	333-IRF510	TO-220	Power MOSFET 100V 4A	1.24
IRF510	511-IRF510	TO-220AB	Power MOSFET 100V	0.83
IRF510	570-IRF510	TO-220AB	N-CH MOSFET 5.6A 100V	1.00
IRF511	333-IRF511	TO-220	Power MOSFET 60V 4A	0.89
IRF512	584-IRF512	TO-220AB	HEXFET 100V	0.92
IRF520	333-IRF520	TO-220	Power MOSFET 100V 8A	1.85
IRF520	511-IRF520	TO-220	Power MOSFET 100V 9.2A	0.85
IRF520	570-IRF520	TO-220AB	N-CN MOSFET 9.2A 100V	1.48
IRF530	333-IRF530	TO-220	Power MOSFET 100V 14A	1.39
IRF530	511-IRF530	TO-220	Power MOSFET 100V	1.27
IRF530	584-IRF530	TO-220AB	HEXFET 100V 14A	1.55
IRF540	333-IRF540	TO-220	Power MOSFET 100V 27A	3.49
IRF540	511-IRF540	TO-220	Power MOSFET 100V	2.09
IRF540	570-IRF540	TO-220AB	N-CH MOSFET 28A 100V	2.77
IRF610	570-IRF610	TO-220AB	N-CH MOSFET 3.3A 200V	1.00
IRF620	511-IRF620	TO-220	Power MOSFET 200V	0.90
IRF620	584-IRF620	TO-220AB	HEXFET 200V 5.0A	1.54
IRF630	511-IRF630	TO-220	Power MOSFET 200V	1.24
IRF630	584-IRF630	TO-220AB	HEXFET 200V 9.0A	1.71
IRF640	511-IRF640	TO-220	Power MOSFET 200V	2.30
IRF640	570-IRF640	TO-220AB	N-CH MOSFET 18A 200V	2.71
IRF710	584-IRF710	TO-220AB	HEXFET 400V 2.0A	1.48
IRF711	333-IRF711	TO-220	Power MOSFET 350V 1.5A	1.09
IRF720	511-IRF720	TO-220	Power MOSFET 400V	1.13
IRF720	570-IRF720	TO-220AB	N-CH MOSFET 3.3A 400V	1.64
IRF721	584-IRF721	TO-220AB	HEXFET 350V	1.45
IRF722	584-IRF722	TO-220AB	HEXFET 400V	1.40
IRF730	333-IRF730	TO-220	Power MOSFET 400V 5.5A	3.95
IRF730	511-IRF730	TO-220	Power MOSFET 400V	1.56
IRF730	584-IRF730	TO-220AB	HEXFET 400V 5.5A	1.84
IRF740	333-IRF740	TO-220	Power MOSFET 400V 10A	3.95
IRF740	511-IRF740	TO-220	Power MOSFET 400V	2.53
IRF740	570-IRF740	TO-220AB	N-CH MOSFET 10A 400V	3.14
IRF820	511-IRF820	TO-220	Power MOSFET 500V	1.27
IRF820	570-IRF820	TO-220AB	N-CH MOSFET 2.5A 500V	1.64
IRF821	584-IRF821	TO-220AB	HEXFET 450V	1.17
IRF822	511-IRF822	TO-220	Power MOSFET 500V	0.97
IRF822	584-IRF822	TO-220AB	HEXFET 500V	1.54
IRF823	584-IRF823	TO-220AB	HEXFET 450V	1.17
IRF830	584-IRF830	TO-220AB	HEXFET 500V 4.5A	1.98
IRF830	511-IRF830	TO-220	Power MOSFET 500V 4.5A	1.61
IRF831	511-IRF831	TO-220	Power MOSFET 450V	1.24
IRF840	511-IRF840	TO-220	Power MOSFET 500V	2.53
IRF840	570-IRF840	TO-220AB	N-CH MOSFET 8.0A 500V	3.14
IRF843	584-IRF843	TO-220AB	HEXFET 450V	3.67
IRF9130	570-IRF9130	TO-204AA	P-CH MOSFET 12A 100V	4.32
IRF9140	570-IRF9140	TO-204AA	P-CH MOSFET 19A 100V	5.80
IRF9142	584-IRF9142	TO-3	HEXFET 100V 15A	10.03
IRF9240	570-IRF9240	TO-204AA	P-CH MOSFET 11A 200V	8.15
IRF9243	584-IRF9243	TO-3	HEXFET 150V 9A	10.35
IRF9510	570-IRF9510	TO-220AB	P-CH MOSFET 3.0A 100V	1.52
IRF9520	570-IRF9520	TO-220AB	P-CH MOSFET 6A 100V	1.87
IRF9530	570-IRF9530	TO-220AB	P-CH MOSFET 12A 100V	2.36
IRF9540	570-IRF9540	TO-220AB	P-CH MOSFET 19A 100V	3.07
IRF9610	584-IRF9610	TO-220AB	HEXFET 200V 1.8A	2.27
IRF9620	584-IRF9620	TO-220AB	HEXFET 200V 3.5A	2.62
IRF9622	584-IRF9622	TO-220AB	HEXFET 200V	3.01
IRF9630	584-IRF9630	TO-220AB	HEXFET 200V 6.5A	2.82
IRF9633	584-IRF9633	TO-220AB	HEXFET 150V	2.75
IRF9640	570-IRF9640	TO-220AB	P-CH MOSFET 11A 200V	3.34
IRF9Z30	584-IRF9Z30	TO-220	P-CH MOSFET 18A 50V	3.09
IRF9Z34	584-IRF9Z34	TO-220	P-CH MOSFET 18A 60V	3.09
IRFD1Z0	570-IRFD1Z0	DIP-4	N-CH MOSFET 0.5A 100V	0.91
IRFD010	584-IRFD010	HD-1	HEXFET 50V 1.7A	1.48
IRFD020	584-IRFD020	HD-1	HEXFET 50V 2.4A	2.30
IRFD110	570-IRFD110	DIP-4	N-CH MOSFET 1.0A 100V	1.20
IRFD113	570-IRFD113	DIP-4	N-CH MOSFET 1.0A 100V	0.91
IRFD120	570-IRFD120	DIP-4	N-CH MOSFET 1.3A 100V	1.62
IRFD123	570-IRFD123	DIP-4	N-CH MOSFET 1.1A 80V	1.32
IRFD210	570-IRFD210	DIP-4	N-CH MOSFET 0.6A 200V	1.41
IRFD220	570-IRFD220	DIP-4	N-CH MOSFET 0.8A 200V	1.84
IRFD9020	584-IRFD9020	HD-1	HEXFET 50V 1.6A	3.20
IRFD9022	584-IRFD9022	HD-1	HEXFET 50V 1.4A	2.36

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570
Rohm	592

"IRFD" to "MMST" Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
SGS Thomson	511
Teccor	519

◆ **Surface Mount Device**

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
IRFD9110	**570-IRFD9110**	DIP-4	P-CH MOSFET 0.7A 100V	**1.14**
IRFD9113	**570-IRFD9113**	DIP-4	P-CH MOSFET 0.6A 80V	**0.82**
IRFD9120	**570-IRFD9120**	DIP-4	P-CH MOSFET 1.0A 100V	**1.43**
IRFD9123	**570-IRFD9123**	DIP-4	P-CH MOSFET 1.0A 80V	**1.21**
IRFD9210	**584-IRFD9210**	HD-1	HEXFET 200V 0.4A	**2.46**
IRFD9220	**570-IRFD9220**	DIP-4	P-CH MOSFET 0.6A 200V	**2.18**
IRFD9223	**584-IRFD9223**	HD-1	HEXFET 150V 0.45A	**2.70**
IRFF110	**570-IRFF110**	TO-205AF	N-CH MOSFET 3.5A 100V	**1.71**
IRFF120	**570-IRFF120**	TO-205AF	N-CH MOSFET 6.0A 100V	**2.36**
IRFF121	**570-IRFF121**	TO-205AF	N-CH MOSFET 6.0A 80V	**1.87**
IRFF130	**570-IRFF130**	TO-205AF	N-CH MOSFET 8.0A 100V	**3.66**
IRFF132	**584-IRFF132**	TO-39	HEXFET 100V 7A	**5.19**
IRFF133	**584-IRFF133**	TO-39	HEXFET 60V 7A	**5.02**
IRFF210	**570-IRFF210**	TO-205AF	N-CH MOSFET 2.2A 200V	**1.75**
IRFF211	**584-IRFF211**	TO-39	HEXFET 150V 2.2A	**3.09**
IRFF212	**584-IRFF212**	TO-39	HEXFET 200V 1.8A	**3.42**
IRFF213	**584-IRFF213**	TO-39	HEXFET 150V 1.8A	**2.98**
IRFF220	**570-IRFF220**	TO-205AF	N-CH MOSFET 3.5A 200V	**2.26**
IRFF222	**584-IRFF222**	TO-39	HEXFET 200V 3A	**4.11**
IRFF223	**584-IRFF223**	TO-39	HEXFET 150V 3A	**3.78**
IRFF230	**570-IRFF230**	TO-205AF	N-CH MOSFET 3.5A 200V	**3.75**
IRFF231	**584-IRFF231**	TO-39	HEXFET 150V 5.5A	**6.41**
IRFF232	**584-IRFF232**	TO-39	HEXFET 200V 4.5A	**7.00**
IRFF233	**584-IRFF233**	TO-39	HEXFET 150V 4.5A	**5.41**
IRFF310	**584-IRFF310**	TO-39	HEXFET 400V 1.35A	**5.29**
IRFF311	**584-IRFF311**	TO-39	HEXFET 350V 1.35A	**3.60**
IRFF320	**570-IRFF320**	TO-205AF	N-CH MOSFET 2.5A 400V	**2.37**
IRFF321	**584-IRFF321**	TO-39	HEXFET 350V 2.5A	**4.34**
IRFF330	**570-IRFF330**	TO-205AF	N-CH MOSFET 3.5A 400V	**3.82**
IRFF332	**584-IRFF332**	TO-39	HEXFET 400V 3A	**7.07**
IRFF333	**584-IRFF333**	TO-39	HEXFET 350V 3A	**6.10**
IRFF420	**570-IRFF420**	TO-205AF	N-CH MOSFET 1.6A 500V	**2.37**
IRFF430	**570-IRFF430**	TO-205AF	N-CH MOSFET 2.75A 500V	**3.82**
IRFF9110	**584-IRFF9110**	TO-39	HEXFET 100V 2.6A	**4.32**
IRFF9112	**584-IRFF9112**	TO-39	HEXFET 100V 2.3A	**4.13**
IRFF9121	**584-IRFF9121**	TO-39	HEXFET 60V 4A	**4.68**
IRFF9130	**570-IRFF9130**	TO-205AF	P-CH MOSFET 6.5A 100V	**3.70**
IRFF9131	**570-IRFF9131**	TO-205AF	P-CH MOSFET 6.5A 80V	**2.96**
IRFF9132	**584-IRFF9132**	TO-39	HEXFET 100V 5.5A	**9.15**
IRFF9133	**584-IRFF9133**	TO-39	HEXFET 60V 5.5A	**8.21**
IRFF9210	**584-IRFF9210**	TO-39	HEXFET 200V 1.6A	**4.71**
IRFF9213	**584-IRFF9213**	TO-39	HEXFET 150V 1.3A	**3.81**
IRFF9220	**570-IRFF9220**	TO-205AF	P-CH MOSFET 2.5A 200V	**3.50**
IRFF9221	**584-IRFF9221**	TO-39	HEXFET 150V 2.5A	**4.86**
IRFF9223	**584-IRFF9223**	TO-39	HEXFET 150V 2A	**4.56**
IRFF9230	**570-IRFF9230**	TO-205AF	P-CH MOSFET 4.0A 200V	**6.17**
IRFF9231	**584-IRFF9231**	TO-39	HEXFET 150V 4A	**9.03**
IRFF9232	**584-IRFF9232**	TO-39	HEXFET 200V 3.5A	**9.45**
IRFF9233	**584-IRFF9233**	TO-39	HEXFET 150V 3.5A	**8.19**
IRFP044	**584-IRFP044**	TO-3P	N-CH HEXFET 57A 60V	**6.73**
IRFP064	**584-IRFP064**	TO-3P	N-CH HEXFET 70A 60V	**18.34**
IRFP150	**570-IRFP150**	TO-247	N-CH MOSFET 40A 100V	**6.01**
IRFP250	**570-IRFP250**	TO-247	N-CH MOSFET 33A 200V	**6.64**
IRFP254	**570-IRFP254**	TO-247	N-CH MOSFET 23A 250V	**6.55**
IRFP350	**570-IRFP350**	TO-247	N-CH MOSFET 16A 400V	**6.64**
IRFP360	**570-IRFP360**	TO-247	N-CH MOSFET 23A 400V	**12.91**
IRFP450	**570-IRFP450**	TO-247	N-CH MOSFET 14A 500V	**6.01**
IRFP460	**570-IRFP460**	TO-247	N-CH MOSFET 20A 500V	**12.09**
IRFP9140	**570-IRFP9140**	TO-247	P-CH MOSFET 19A 100V	**5.36**
IRFP9240	**570-IRFP9240**	TO-247	P-CH MOSFET 12A 200V	**5.02**
IRFR120	**570-IRFR120**	TO-252AA	N-CH MOSFET 8.4A 100V	**1.20**
IRFR220	**570-IRFR220**	TO-252AA	N-CH MOSFET 4.6A 200V	**1.48**
IRFR420	**570-IRFR420**	TO-252AA	N-CH MOSFET 2.5A 500V	**1.52**
IRFR9020	**584-IRFR9020**	TO-252AA	P-CH HEXFET 9.9A 50V	**4.18**
IRFU120	**570-IRFU120**	TO-251AA	N-CH MOSFET 8.4A 100V	**1.16**
IRFZ10	**584-IRFZ10**	TO-220AB	HEXFET 50V	**1.02**
IRFZ20	**511-IRFZ20**	TO-220	Power MOSFET 50V	**0.91**
IRFZ20	**584-IRFZ20**	TO-220AB	HEXFET 50V	**1.32**
IRFZ22	**511-IRFZ22**	TO-220	Power MOSFET 50V	**0.83**
IRFZ30	**584-IRFZ30**	TO-220AB	HEXFET 50V	**2.07**
IRFZ34	**584-IRFZ34**	TO-220	N-CH HEXFET 30A 60V	**2.07**
IRFZ40	**511-IRFZ40**	TO-220	Power MOSFET 50V	**2.37**
IRFZ40	**584-IRFZ40**	TO-220AB	HEXFET 50V	**3.70**
IRFZ44	**584-IRFZ44**	TO-220	N-CH HEXFET 50A 60V	**3.70**
IRFZ48	**584-IRFZ48**	TO-220	N-CH HEXFET 50A 60V	**5.59**
IRLR024	**584-IRLR024**	TO-252AA	N-CH HEXFET 2.5A 60V	**2.55**
KTA1226	**333-KTA1266**	TO-92	PNP General Purpose Switch	**0.18**
KTA1268	**333-KTA1268**	TO-92	PNP Hi-Volt Amp	**0.35**
KTA1270	**333-KTA1270**	TO-92	PNP General Purpose Switch	**0.35**
KTA1271	**333-KTA1271**	TO-92	PNP Hi-Current	**0.33**
KTC3198	**333-KTC3198**	TO-92	NPN General Purpose Switch	**0.15**
KTC3200	**333-KTC3200**	TO-92	NPN Audio Amp	**0.33**

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
KTC3202	**333-KTC3202**	TO-92	NPN General Purpose Switch	**0.24**
KTC3203	**333-KTC3203**	TO-92	NPN Hi-Current SS	**0.33**
2N2222	**333-KTN2222**	TO-92	NPN General Purpose SS	**0.25**
2N2222A	**333-KTN2222A**	TO-92	NPN General Purpose SS	**0.25**
◆ 2N2222AS	**333-KTN2222AS**	SOT-23	NPN General Purpose SS	**0.28**
2N2369	**333-KTN2369**	TO-92	NPN Fast Switch SS	**0.40**
2N2369A	**333-KTN2369A**	TO-92	NPN Fast Switch SS	**0.28**
◆ 2N2369AS	**333-KTN2369AS**	SOT-23	NPN Fast Switch SS	**0.32**
2N2907	**333-KTN2907**	TO-92	PNP General Purpose SS	**0.25**
2N2907A	**333-KTN2907A**	TO-92	PNP General Purpose SS	**0.33**
◆ 2N2907AS	**333-KTN2907AS**	SOT-23	PNP General Purpose SS	**0.35**
L201E3	**519-L201E3**	TO-92	.8A 200V Triac	**0.95**
L401E3	**519-L401E3**	TO-92	1A 400V Triac	**1.08**
L2004F31	**519-L2004F31**	TO-202	4A 200V Triac	**1.22**
L2004F51	**519-L2004F51**	TO-202	4A 200V Triac	**1.13**
L4004F31	**519-L4004F31**	TO-202	4A 400V Triac	**1.33**
MJ802	**511-MJ802**	TO-3	NPN General Purpose Power	**3.31**
MJ900	**511-MJ900**	TO-3	PNP Darlington Power	**2.00**
MJ1000	**511-MJ1000**	TO-3	NPN Darlington Power	**1.98**
MJ2500	**511-MJ2500**	TO-3	PNP Darlington Power	**2.00**
MJ2501	**511-MJ2501**	TO-3	PNP Darlington Power	**2.00**
MJ2955	**511-MJ2955**	TO-3	PNP General Purpose Power	**1.31**
MJ3000	**511-MJ3000**	TO-3	NPN Darlington Power	**1.98**
MJ3001	**511-MJ3001**	TO-3	NPN Darlington Power	**1.98**
MJ4030	**333-MJ4030**	TO-3	PNP General Purpose Power	**3.27**
MJ4033	**333-MJ4033**	TO-3	NPN General Purpose Power	**3.14**
MJ4035	**511-MJ4035**	TO-3	NPN Darlington Power	**2.53**
MJ4502	**333-MJ4502**	TO-3	PNP General Purpose Power	**3.39**
MJ4502	**511-MJ4502**	TO-3	PNP General Purpose Power	**3.43**
MJ10004	**511-MJ10004**	TO-3	NPN Darlington 350V	**4.65**
MJ10005	**511-MJ10005**	TO-3	NPN Darlington Power	**5.29**
MJ11013	**511-MJ11013**	TO-3	PNP Darlington 90V	**3.17**
MJ11015	**511-MJ11015**	TO-3	PNP Darlington 120V	**3.45**
MJ11016	**511-MJ11016**	TO-3	NPN Darlington Power	**3.17**
MJ11030	**511-MJ11030**	TO-3	NPN General Purpose	**9.48**
MJ13335	**511-MJ13335**	TO-3	NPN Darlington 90V	**5.27**
MJ14002	**511-MJ14002**	TO-3	NPN Transistor 500V	**12.19**
MJ14003	**511-MJ14003**	TO-3	NPN Transistor 80V	**14.95**
MJ15003	**333-MJ15003**	TO-3	NPN Transistor 80V	**5.38**
MJ15022	**570-MJ15022**	TO-3	NPN Hi-Power Switch	**4.18**
MJ15024	**570-MJ15024**	TO-3	NPN Hi-Power Switch	**4.54**
MJE172	**511-MJE172**	SOT-32	PNP Gen Pur Power Switch	**0.48**
MJE180	**511-MJE180**	SOT-32	NPN Gen Pur Power Switch	**0.44**
MJE182	**511-MJE182**	SOT-32	NPN Gen Pur Power Switch	**0.46**
MJE200	**511-MJE200**	SOT-32	NPN Gen Pur Power Switch	**0.48**
MJE210	**511-MJE210**	SOT-32	PNP Gen Pur Power Switch	**0.51**
MJE340	**511-MJE340**	SOT-32	NPN Fast Switch Power	**0.60**
MJE350	**511-MJE350**	SOT-32	PNP Fast Switch Power	**0.62**
MJE370	**511-MJE370**	SOT-32	PNP Gen Pur Power Switch	**0.55**
MJE371	**511-MJE371**	SOT-32	PNP Gen Pur Power Switch	**0.55**
MJE520	**511-MJE520**	SOT-32	NPN Gen Pur Power Switch	**0.55**
MJE521	**511-MJE521**	SOT-32	NPN Gen Pur Power Switch	**0.55**
MJE702	**511-MJE702**	SOT-32	PNP Darlington Power	**0.55**
MJE703	**511-MJE703**	SOT-32	PNP Darlington Power	**0.55**
MJE802	**511-MJE802**	SOT-32	NPN Darlington Power	**0.55**
MJE2955T	**511-MJE2955T**	TO-220	PNP Gen Pur Power Switch	**0.64**
MJE3055T	**511-MJE3055T**	TO-220	NPN Gen Pur Power Switch	**0.64**
MJE3439	**511-MJE3439**	SOT-32	NPN Fast Switch Power	**0.74**
MJE3440	**511-MJE3440**	SOT-32	NPN Fast Switch Power	**0.60**
MJE13003	**511-MJE13003**	SOT-32	NPN Transistor 400V	**0.97**
MJE13004	**570-MJE13004**	TO-220AB	NPN Fast Switch Power	**1.55**
MJE13004	**511-MJE13004**	TO-220	NPN Power Switch	**1.22**
MJE13005	**333-MJE13005**	TO-220	NPN Fast Switch Power	**1.35**
MJE13005	**511-MJE13005**	TO-220	NPN Fast Switch Power	**1.38**
MJE13006	**333-MJE13006**	TO-220	NPN Fast Switch Power	**1.82**
MJE13006	**511-MJE13006**	TO-220	NPN Fast Switch Power	**1.82**
MJE13007	**333-MJE13007**	TO-220	NPN Fast Switch Power	**1.82**
MJE13007	**511-MJE13007**	TO-220	NPN Fast Switch Power	**1.86**
MJE13008	**511-MJE13008**	TO-220	NPN Fast Switch Power	**2.23**
MJE13009	**511-MJE13009**	TO-220	NPN Fast Switch Power	**2.30**
MJE13070	**570-MJE13070**	TO-220AB	NPN Hi-Volt Switch	**1.64**
MJE16004	**570-MJE16004**	TO-220AB	NPN Hi-Volt Switch	**1.98**
◆ MMST918	**592-MMST918**	SOT-23	NPN VHF Osc SS	**0.48**
◆ MMST2222	**592-MMST2222**	SOT-23	NPN General Purpose SS	**0.33**
◆ MMST2222A	**592-MMST2222A**	SOT-23	NPN General Purpose	**0.33**
◆ MMST2907	**592-MMST2907**	SOT-23	PNP General Purpose SS	**0.33**
◆ MMST2907A	**592-MMST2907A**	SOT-23	PNP General Purpose	**0.33**
◆ MMST3904	**592-MMST3904**	SOT-23	NPN General Purpose	**0.33**
◆ MMST3906	**592-MMST3906**	SOT-23	PNP General Purpose	**0.33**
◆ MMST4124	**592-MMST4124**	SOT-23	NPN General Purpose	**0.33**
◆ MMST4126	**592-MMST4126**	SOT-23	PNP General Purpose	**0.33**
◆ MMST4401	**592-MMST4401**	SOT-23	NPN General Purpose	**0.33**

Manufacturer	Prefix
EXL Semiconductor	333

"MMST" to "PN" Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
Rohm	592

◆ Surface Mount Device

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
◆ MMST4403	592-MMST4403	SOT-23	PNP General Purpose	0.33
◆ MMST5086	592-MMST5086	SOT-23	PNP General Purpose	0.40
◆ MMST5087	592-MMST5087	SOT-23	PNP General Purpose SS	0.33
◆ MMST5088	592-MMST5088	SOT-23	NPN General Purpose	0.33
◆ MMST5089	592-MMST5089	SOT-23	NPN General Purpose SS	0.33
◆ MMST6428	592-MMST6428	SOT-23	NPN General Purpose SS	0.33
◆ MMST8098	592-MMST8098	SOT-23	NPN General Purpose SS	0.33
◆ MMST8598	592-MMST8598	SOT-23	PNP General Purpose SS	0.33
◆ MMSTA06	592-MMSTA06	SOT-23	NPN Medium Power	0.38
◆ MMSTA13	592-MMSTA13	SOT-23	NPN Darlington Amp	0.38
◆ MMSTA14	592-MMSTA14	SOT-23	NPN Darlington Amp	0.38
◆ MMSTA20	592-MMSTA20	SOT-23	NPN General Purpose SS	0.38
◆ MMSTA28	592-MMSTA28	SOT-23	NPN Darlington Amp	0.38
◆ MMSTA42	333-MMBTA42	SOT-23	NPN Small Signal	0.28
◆ MMSTA56	592-MMSTA56	SOT-23	PNP Medium Power	0.57
◆ MMSTA63	592-MMSTA63	SOT-23	PNP Darlington Amp	0.48
◆ MMSTA64	592-MMSTA64	SOT-23	PNP Darlington Amp	0.42
◆ MMSTA70	592-MMSTA70	SOT-23	PNP General Purpose SS	0.25
◆ MMSTA92	333-MMBTA92	SOT-23	PNP Small Signal	0.28
MPQ2222	333-MPQ2222	TO-116	NPN Quad Trans	1.41
MPQ3904	333-MPQ3904	TO-116	NPN Quad Trans	1.41
MPQ3906	333-MPQ3906	TO-116	NPN Quad Trans	1.41
MPS2712	592-MPS2712	TO-92	NPN General Purpose SS	0.22
MPS3392	592-MPS3392	TO-92	NPN General Purpose SS	0.22
MPS3394	592-MPS3394	TO-92	NPN General Purpose SS	0.22
MPS3706	592-MPS3706	TO-92	NPN General Purpose SS	0.24
MPS3707	592-MPS3707	TO-92	NPN General Purpose SS	0.24
MPS3708	592-MPS3708	TO-92	NPN General Purpose SS	0.24
MPS3710	592-MPS3710	TO-92	NPN General Purpose SS	0.24
MPS4249	592-MPS4249	TO-92	PNP General Purpose	0.32
MPS5305	592-MPS5305	TO-92	NPN Darlington Amp	0.26
MPS5306	592-MPS5306	TO-92	NPN Darlington Amp	0.26
MPS5307	592-MPS5307	TO-92	NPN Darlington Amp	0.26
MPS5308	592-MPS5308	TO-92	NPN Darlington Amp	0.26
MPS6513	592-MPS6513	TO-92	NPN General Purpose SS	0.22
MPS6514	333-MPS6514	TO-92	NPN General Purpose Switch	0.27
MPS6515	333-MPS6515	TO-92	NPN General Purpose Switch	0.27
MPS6515	592-MPS6515	TO-92	NPN General Purpose SS	0.27
MPS6518	592-MPS6518	TO-92	PNP General Purpose SS	0.22
MPS6519	592-MPS6519	TO-92	PNP General Purpose SS	0.27
MPS6521	333-MPS6521	TO-92	NPN General Purpose SS	0.31
MPS6522	592-MPS6522	TO-92	PNP General Purpose SS	0.22
MPS6530	592-MPS6530	TO-92	NPN General Purpose	0.27
MPS6531	592-MPS6531	TO-92	NPN General Purpose Switch	0.27
MPS6532	592-MPS6532	TO-92	NPN General Purpose SS	0.24
MPS6534	592-MPS6534	TO-92	PNP General Purpose SS	0.24
MPS6535	592-MPS6535	TO-92	PNP General Purpose SS	0.24
MPS6560	333-MPS6560	TO-92	NPN General Purpose SS	0.31
MPS6560	592-MPS6560	TO-92	NPN Medium Power	0.22
MPS6561	592-MPS6561	TO-92	NPN Medium Power	0.22
MPS6562	333-MPS6562	TO-92	PNP Medium Power	0.27
MPS6562	592-MPS6562	TO-92	PNP Medium Power Amp	0.27
MPS6566	592-MPS6566	TO-92	NPN General Purpose SS	0.22
MPS8097	592-MPS8097	TO-92	NPN General Purpose SS	0.27
MPS8598	333-MPS8598	TO-92	PNP General Purpose SS	0.25
MPS9418	333-MPS9418	TO-92	NPN General Purpose SS	0.30
MPSA05	333-MPSA05	TO-92	NPN Medium Power	0.25
MPSA05	592-MPSA05	TO-92	NPN Medium Power	0.29
MPSA06	333-MPSA06	TO-92	NPN Medium Power	0.25
MPSA06	592-MPSA06	TO-92	NPN Medium Power	0.29
MPSA09	592-MPSA09	TO-92	NPN General Purpose SS	0.32
MPSA10	333-MPSA10	TO-92	PNP General Purpose Switch	0.27
MPSA12	333-MPSA12	TO-92	NPN Darlington Amp	0.32
MPSA12	592-MPSA12	TO-92	NPN Darlington Amp	0.32
MPSA13	333-MPSA13	TO-92	NPN Darlington Amp	0.25
MPSA13	592-MPSA13	TO-92	NPN Darlington Amp	0.32
MPSA14	333-MPSA14	TO-92	NPN Darlington Amp	0.25
MPSA18	592-MPSA18	TO-92	NPN General Purpose SS	0.32
MPSA20	592-MPSA20	TO-92	NPN General Purpose SS	0.32
MPSA26	592-MPSA26	TO-92	NPN Darlington	0.32
MPSA27	592-MPSA27	TO-92	NPN Darlington	0.32
MPSA28	592-MPSA28	TO-92	NPN Darlington	0.32
MPSA29	592-MPSA29	TO-92	NPN Darlington	0.32
MPSA42	333-MPSA42	TO-92	NPN Small Signal	0.25
MPSA43	333-MPSA43	TO-92	NPN Small Signal	0.25
MPSA55	333-MPSA55	TO-92	PNP Medium Power	0.32
MPSA55	592-MPSA55	TO-92	PNP Medium Power	0.32
MPSA56	333-MPSA56	TO-92	PNP Medium Power	0.32
MPSA56	592-MPSA56	TO-92	PNP Medium Power	0.32
MPSA63	592-MPSA63	TO-92	PNP Darlington	0.32
MPSA64	333-MPSA64	TO-92	PNP Darlington Amp	0.25

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
MPSA64	592-MPSA64	TO-92	PNP Darlington	0.32
MPSA65	592-MPSA65	TO-92	PNP Darlington Amp	0.32
MPSA66	592-MPSA66	TO-92	PNP Darlington Amp	0.27
MPSA70	592-MPSA70	TO-92	PNP General Purpose SS	0.32
MPSA92	333-MPSA92	TO-92	PNP Small Signal	0.25
MPSA93	333-MPSA93	TO-92	PNP Small Signal	0.28
MPSH10	333-MPSH10	TO-92	NPN RF Amp/OSC	0.18
P6KE6.8A	333-P6KE6.8A	DO-204AC	6.8V Undirect 600W	0.68
P6KE6.8CA	333-P6KE6.8CA	DO-204AC	6.8V Bidirect 600W	1.02
P6KE7.5A	333-P6KE7.5A	DO-204AC	7.5V Undirect 600W	0.68
P6KE7.5CA	333-P6KE7.5CA	DO-204AC	7.5V Bidirect 600W	1.02
P6KE8.2A	333-P6KE8.2A	DO-204AC	8.2V Undirect 600W	0.68
P6KE8.2CA	333-P6KE8.2CA	DO-204AC	8.2V Bidirect 600W	1.02
P6KE10A	333-P6KE10A	DO-204AC	10V Undirect 600W	0.68
P6KE10CA	333-P6KE10CA	DO-204AC	10V Bidirect 600W	0.97
P6KE12A	333-P6KE12A	DO-204AC	12V Undirect 600W	0.68
P6KE12CA	333-P6KE12CA	DO-204AC	12V Bidirect 600W	0.97
P6KE15A	333-P6KE15A	DO-204AC	15V Undirect 600W	0.68
P6KE15CA	333-P6KE15CA	DO-204AC	15V Bidirect 600W	0.97
P6KE20A	333-P6KE20A	DO-204AC	20V Undirect 600W	0.68
P6KE20CA	333-P6KE20CA	DO-204AC	20V Bidirect 600W	0.97
P6KE24A	333-P6KE24A	DO-204AC	24V Undirect 600W	0.68
P6KE24CA	333-P6KE24CA	DO-204AC	24V Bidirect 600W	0.97
P6KE27A	333-P6KE27A	DO-204AC	27V Undirect 600W	0.68
P6KE27CA	333-P6KE27CA	DO-204AC	27V Bidirect 600W	0.97
P6KE30A	333-P6KE30A	DO-204AC	30V Undirect 600W	0.68
P6KE30CA	333-P6KE30CA	DO-204AC	30V Bidirect 600W	0.97
P6KE33A	333-P6KE33A	DO-204AC	33V Undirect 600W	0.68
P6KE33CA	333-P6KE33CA	DO-204AC	33V Bidirect 600W	0.97
P6KE51A	333-P6KE51A	DO-204AC	51V Undirect 600W	0.68
P6KE51CA	333-P6KE51CA	DO-204AC	51V Bidirect 600W	0.97
P6KE68A	333-P6KE68A	DO-204AC	68V Undirect 600W	0.68
P6KE68CA	333-P6KE68CA	DO-204AC	68V Bidirect 600W	0.97
P6KE100CA	333-P6KE100CA	DO-204AC	100V Bidirect 600W	0.68
P6KE150CA	333-P6KE150CA	DO-204AC	150V Bidirect 600W	1.10
PN918	592-PN918	TO-92	NPN General Purpose Switch	0.27
PN2219	592-PN2219	TO-92	NPN General Purpose Switch	0.22
PN2219A	592-PN2219A	TO-92	NPN General Purpose Switch	0.22
PN2222	333-KN2222	TO-92	NPN General Purpose Switch	0.18
PN2222	333-PN2222	TO-92	NPN General Purpose Switch	0.22
PN2222	592-PN2222	TO-92	NPN General Purpose Switch	0.22
PN2222A	333-KN2222A	TO-92	NPN General Purpose Switch	0.18
PN2222A	333-PN2222A	TO-92	NPN General Purpose Switch	0.22
PN2222A	592-PN2222A	TO-92	NPN General Purpose Switch	0.22
PN2369A	333-PN2369A	TO-92	NPN Fast Switch SS	0.27
PN2905	592-PN2905	TO-92	PNP General Purpose Switch	0.22
PN2905A	333-PN2905A	TO-237	PNP General Purpose Switch	0.22
PN2905A	592-PN2905A	TO-92	PNP General Purpose Switch	0.22
PN2907	333-KN2907	TO-92	PNP General Purpose Switch	0.18
PN2907	592-PN2907	TO-92	PNP General Purpose Switch	0.22
PN2907A	333-PN2907A	TO-92	PNP General Purpose Switch	0.32
PN2907A	592-PN2907A	TO-92	PNP General Purpose Switch	0.22
PN3250	592-PN3250	TO-92	PNP General Purpose Switch	0.22
PN3250A	592-PN3250A	TO-92	PNP General Purpose Switch	0.22
PN3251	592-PN3251	TO-92	PNP General Purpose Switch	0.22
PN3251A	592-PN3251A	TO-92	PNP General Purpose Switch	0.22
PN3564	592-PN3564	TO-92	NPN Hi-Frequency Switch	0.26
PN3565	333-PN3565	TO-92	NPN Low Level SS	0.25
PN3566	592-PN3566	TO-92	NPN General Purpose Switch	0.22
PN3567	333-PN3567	TO-92	NPN Medium Power	0.34
PN3569	333-PN3569	TO-92	NPN Medium Power	0.25
PN3640	333-PN3640	TO-92	PNP Switching Trans	1.30
PN3643	333-PN3643	TO-92	NPN General Purpose Switch	0.25
PN3644	592-PN3644	TO-92	PNP General Purpose Switch	0.27
PN3645	333-PN3645	TO-92	PNP General Purpose Switch	0.41
PN3645	592-PN3645	TO-92	PNP General Purpose	0.27
PN3904	333-KN3904	TO-92	NPN General Purpose Switch	0.18
PN3906	333-KN3906	TO-92	PNP General Purpose Switch	0.18
PN4124	333-PN4124	TO-92	NPN General Purpose Switch	0.17
PN4141	592-PN4141	TO-92	NPN General Purpose Switch	0.22
PN4143	592-PN4143	TO-92	PNP General Purpose Switch	0.22
PN4249	333-PN4249	TO-92	PNP Low Level Switch	0.41
PN4249	592-PN4249	TO-92	PNP Low LK Amp	0.22
PN4250	333-PN4250	TO-92	PNP Low Level Switch	0.27
PN4355	333-PN4355	TO-92	PNP General Purpose Switch	0.27
PN4356	333-PN4356	TO-92	PNP General Purpose Switch	0.27
PN4403	333-KN4403	TO-92	PNP General Purpose Switch	0.18
PN4917	333-PN4917	TO-92	PNP General Purpose Switch	0.41
PN5138	333-PN5138	TO-92	NPN General Purpose Switch	0.27
PN5139	333-PN5139	TO-92	PNP General Purpose Switch	0.27
PN5139	592-PN5139	TO-92	PNP General Purpose Switch	0.22

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570

"PN" to "TIP" Devices

Transistors, Thyristor, SCR, Mosfet, Hexfet and Triac

Manufacturer	Prefix
SGS Thomson	511
Teccor	519

For quantities greater than listed, call for quote.

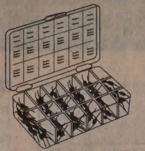
Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
PN5400	**333-KN5400**	TO-92	PNP Hi-Volt Amp	**0.18**
RCA1A10	**570-RCA1A10**	TO-39	PNP Hi-Volt Amp	**1.44**
RCA1B05	**570-RCA1B05**	TO-3	NPN Hi-Volt Amp	**6.46**
RCA1C12	**570-RCA1C12**	TO-220AB	NPN Audio Amp	**1.27**
RCA1C13	**570-RCA1C13**	TO-220AB	PNP Audio Amp	**1.27**
RCA410	**570-RCA410**	TO-3	NPN Hi-Volt Amp	**6.58**
RCA411	**570-RCA411**	TO-3	NPN Hi-Volt Amp	**4.07**
RCA413	**570-RCA413**	TO-3	NPN Hi-Volt Amp	**6.01**
RCA3054	**570-RCA3054**	TO-220	NPN Medium Power Switch	**0.89**
RCA3055	**570-RCA3055**	TO-220	NPN Medium Power Switch	**1.14**
RCS258	**570-RCS258**	TO-3	NPN General Purpose Power	**3.23**
RFM12N20	**570-RFM12N20**	TO-204AA	N-CH Power FET	**5.69**
RFP2N08	**570-RFP2N08**	TO-220	N-CH Power FET	**0.73**
RFP2N08L	**570-RFP2N08L**	TO-220	N-CH LOG FET	**0.93**
RFP2N12L	**570-RFP2N12L**	TO-220	N-CH LOG FET	**0.93**
RFP8N20	**570-RFP8N20**	TO-220	N-CH Power FET	**1.43**
RFP12N08	**570-RFP12N08**	TO-204AA	N-CH Power FET	**1.39**
RFP12N08L	**570-RFP12N08L**	TO-220	N-CH LOG FET	**1.54**
S4006L	**519-S4006L**	TO-220AB	6A 400V SCR	**1.31**
S4008FS21	**519-S4008FS21**	TO-202AB	8A 400V SCR	**1.17**
S4008L	**519-S4008L**	TO-220AB	8A 400V SCR	**1.42**
S4008R	**519-S4008R**	TO-220AB	8A 400V SCR	**1.26**
S4010L	**519-S4010L**	TO-220AB	10A 400V SCR	**1.49**
S4010LS2	**519-S4010LS2**	TO-220AB	10A 400V SCR	**1.58**
S4012R	**519-S4012R**	TO-220AB	12A 400V SCR	**1.42**
S6008R	**519-S6008R**	TO-220AB	8A 600V SCR	**1.46**
S6010F1	**519-S6010F1**	TO-202AB	10A 600V SCR	**1.40**
S6012R	**519-S6012R**	TO-220AB	12A 600V SCR	**1.67**
STP15N05L	**511-STP15N05L**	TO-202AB	Power MOSFET 50V	**0.76**
STP15N06L	**511-STP15N06L**	TO-220	Power MOSFET 60V	**0.81**
STP20N10L	**511-STP20N10L**	TO-220	Power MOSFET 100V	**1.70**
STP25N06	**511-STP25N06**	TO-220	Power MOSFET 60V	**1.52**
STP50N05L	**511-STP50N05L**	TO-220	Power MOSFET 50V	**2.39**
T106A1	**519-T106A1**	TO-220	4A 100V SCR	**0.70**
T106B1	**519-T106B1**	TO-202AB	4A 200V SCR	**0.74**
T106C1	**519-T106C1**	TO-202AB	4A 300V SCR	**0.76**
T106D1	**519-T106D1**	TO-202AB	4A 400V SCR	**0.81**
T106F1	**519-T106F1**	TO-202AB	4A 50V SCR	**0.67**
T106M1	**519-T106M1**	TO-202AB	4A 600V SCR	**1.01**
TIP29	**570-TIP29**	TO-220AB	NPN General Purpose Power	**0.57**
TIP29	**511-TIP29**	TO-220	NPN General Purpose Power	**0.55**
TIP29A	**570-TIP29A**	TO-220AB	NPN General Purpose Power	**0.57**
TIP29A	**511-TIP29A**	TO-220	NPN General Purpose Power	**0.55**
TIP29B	**570-TIP29B**	TO-220AB	NPN General Purpose Power	**0.57**
TIP29B	**511-TIP29B**	TO-220	NPN General Purpose Power	**0.55**
TIP29C	**570-TIP29C**	TO-220AB	NPN General Purpose Power	**0.61**
TIP29C	**511-TIP29C**	TO-220	NPN General Purpose Power	**0.55**
TIP30	**570-TIP30**	TO-220AB	PNP General Purpose Power	**0.64**
TIP30	**511-TIP30**	TO-220	PNP General Purpose Power	**0.55**
TIP30A	**570-TIP30A**	TO-220AB	PNP General Purpose Power	**0.62**
TIP30A	**511-TIP30A**	TO-220	PNP General Purpose Power	**0.55**
TIP30B	**570-TIP30B**	TO-220AB	PNP General Purpose Power	**0.55**
TIP30B	**511-TIP30B**	TO-220	PNP General Purpose Power	**0.55**
TIP30C	**570-TIP30C**	TO-220AB	PNP General Purpose Power	**0.64**
TIP30C	**511-TIP30C**	TO-220	PNP General Purpose Power	**0.55**
TIP31	**570-TIP31**	TO-220AB	NPN General Purpose Power	**0.57**
TIP31	**511-TIP31**	TO-220	NPN General Purpose Power	**0.55**
TIP31A	**570-TIP31A**	TO-220AB	NPN General Purpose Power	**0.61**
TIP31A	**511-TIP31A**	TO-220	NPN General Purpose Power	**0.55**
TIP31B	**570-TIP31B**	TO-220AB	NPN General Purpose Power	**0.64**
TIP31B	**511-TIP31B**	TO-220	NPN General Purpose Power	**0.55**
TIP31C	**570-TIP31C**	TO-220AB	NPN General Purpose Power	**0.64**
TIP31C	**511-TIP31C**	TO-220	NPN General Purpose Power	**0.55**
TIP32	**570-TIP32**	TO-220AB	PNP General Purpose Power	**0.69**
TIP32	**511-TIP32**	TO-220	PNP General Purpose Power	**0.55**
TIP32A	**570-TIP32A**	TO-220AB	PNP General Purpose Power	**0.61**
TIP32A	**511-TIP32A**	TO-220	PNP General Purpose Power	**0.55**
TIP32B	**570-TIP32B**	TO-220AB	PNP General Purpose Power	**0.64**
TIP32B	**511-TIP32B**	TO-220	PNP General Purpose Power	**0.55**
TIP32C	**570-TIP32C**	TO-220AB	PNP General Purpose Power	**0.62**
TIP32C	**511-TIP32C**	TO-220	PNP General Purpose Power	**0.55**
TIP33A	**511-TIP33A**	SOT-93	NPN General Purpose Power	**1.33**
TIP33C	**511-TIP33C**	SOT-93	NPN General Purpose Power	**1.31**
TIP34A	**511-TIP34A**	SOT-93	PNP General Purpose Power	**1.31**
TIP34B	**511-TIP34B**	SOT-93	PNP General Purpose Power	**1.31**
TIP34C	**511-TIP34C**	SOT-93	PNP General Purpose Power	**1.29**
TIP35	**511-TIP35**	SOT-93	NPN General Purpose Power	**1.93**
TIP35A	**511-TIP35A**	SOT-93	NPN General Purpose Power	**1.96**
TIP35B	**511-TIP35B**	SOT-93	NPN General Purpose Power	**1.98**
TIP35C	**511-TIP35C**	SOT-93	NPN General Purpose Power	**2.00**
TIP36	**511-TIP36**	SOT-93	PNP General Purpose Power	**1.96**
TIP36A	**511-TIP36A**	SOT-93	PNP General Purpose Power	**1.98**
TIP36B	**511-TIP36B**	SOT-93	PNP General Purpose Power	**2.00**

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
TIP36C	**333-TIP36C**	TO-3P	PNP General Purpose Power	**2.02**
TIP36C	**511-TIP36C**	SOT-93	PNP General Purpose Power	**2.02**
TIP41	**333-TIP41**	TO-220	NPN General Purpose Power	**0.55**
TIP41	**570-TIP41**	TO-220AB	NPN General Purpose Power	**0.64**
TIP41	**511-TIP41**	TO-220	NPN General Purpose Power	**0.64**
TIP41A	**570-TIP41A**	TO-220AB	NPN General Purpose Power	**0.68**
TIP41A	**511-TIP41A**	TO-220	NPN General Purpose Power	**0.64**
TIP41B	**570-TIP41B**	TO-220AB	NPN General Purpose Power	**0.70**
TIP41B	**511-TIP41B**	TO-220	NPN General Purpose Power	**0.64**
TIP41C	**570-TIP41C**	TO-220AB	NPN General Purpose Power	**0.72**
TIP41C	**511-TIP41C**	TO-220	NPN General Purpose Power	**0.64**
TIP42	**333-TIP42**	TO-220	PNP General Purpose Power	**0.55**
TIP42	**570-TIP42**	TO-220AB	PNP General Purpose Power	**1.18**
TIP42	**511-TIP42**	TO-220	PNP General Purpose Power	**0.64**
TIP42A	**570-TIP42A**	TO-220AB	PNP General Purpose Power	**1.23**
TIP42A	**511-TIP42A**	TO-220	PNP General Purpose Power	**0.64**
TIP42B	**570-TIP42B**	TO-220AB	PNP General Purpose Power	**1.23**
TIP42B	**511-TIP42B**	TO-220	PNP General Purpose Power	**0.64**
TIP42C	**570-TIP42C**	TO-220AB	PNP General Purpose Power	**1.23**
TIP42C	**511-TIP42C**	TO-220	PNP General Purpose Power	**0.64**
TIP42C	**333-TIP42C**	TO-220	PNP General Purpose Power	**0.67**
TIP47	**570-TIP47**	TO-220AB	NPN General Purpose Power	**0.84**
TIP47	**511-TIP47**	TO-220	NPN General Purpose Power	**0.62**
TIP48	**333-TIP48**	TO-220	NPN General Purpose Power	**0.62**
TIP48	**570-TIP48**	TO-220AB	NPN General Purpose Power	**0.87**
TIP48	**511-TIP48**	TO-220	NPN General Purpose Power	**0.64**
TIP49	**570-TIP49**	TO-220AB	NPN General Purpose Power	**0.93**
TIP49	**511-TIP49**	TO-220	NPN General Purpose Power	**0.67**
TIP50	**333-TIP50**	TO-220	NPN General Purpose Power	**0.83**
TIP50	**570-TIP50**	TO-220AB	NPN General Purpose Power	**1.04**
TIP50	**511-TIP50**	TO-220	NPN General Purpose Power	**0.87**
TIP54	**511-TIP54**	SOT-93	NPN Fast Switch Power	**1.77**
TIP100	**570-TIP100**	TO-220AB	NPN Power Darlington	**0.82**
TIP100	**511-TIP100**	TO-220	NPN Power Darlington	**0.69**
TIP101	**570-TIP101**	TO-220AB	NPN Power Darlington	**0.87**
TIP102	**333-TIP102**	TO-220	NPN Power Darlington	**0.67**
TIP102	**570-TIP102**	TO-220AB	NPN Power Darlington	**0.87**
TIP102	**511-TIP102**	TO-220	NPN Power Darlington	**0.69**
TIP105	**511-TIP105**	TO-220	PNP Power Darlington	**0.69**
TIP106	**511-TIP106**	TO-220	PNP Power Darlington	**0.69**
TIP107	**511-TIP107**	TO-220	PNP Power Darlington	**0.69**
TIP110	**570-TIP110**	TO-220AB	NPN Power Darlington	**0.64**
TIP110	**511-TIP110**	TO-220	NPN Power Darlington	**0.62**
TIP111	**570-TIP111**	TO-220AB	NPN Power Darlington	**0.62**
TIP111	**511-TIP111**	TO-220	NPN Power Darlington	**0.62**
TIP112	**570-TIP112**	TO-220AB	NPN Power Darlington	**0.64**
TIP112	**511-TIP112**	TO-220	NPN Power Darlington	**0.62**
TIP115	**511-TIP115**	TO-220	PNP Power Darlington	**0.62**
TIP116	**570-TIP116**	TO-220AB	PNP Power Darlington	**0.61**
TIP117	**570-TIP117**	TO-220AB	PNP Power Darlington	**0.62**
TIP117	**511-TIP117**	TO-220	PNP Power Darlington	**0.62**
TIP120	**333-TIP120**	TO-220	NPN Power Darlington	**0.53**
TIP120	**570-TIP120**	TO-220AB	NPN Power Darlington	**0.82**
TIP120	**511-TIP120**	TO-220	NPN Power Darlington	**0.62**
TIP121	**570-TIP121**	TO-220AB	NPN Power Darlington	**0.84**
TIP121	**511-TIP121**	TO-220	NPN Power Darlington	**0.62**
TIP122	**570-TIP122**	TO-220AB	NPN Power Darlington	**0.87**
TIP122	**511-TIP122**	TO-220	NPN Power Darlington	**0.62**
TIP125	**570-TIP125**	TO-220AB	PNP Power Darlington	**0.86**
TIP125	**511-TIP125**	TO-220	PNP Power Darlington	**0.62**
TIP126	**570-TIP126**	TO-220AB	PNP Power Darlington	**0.91**
TIP126	**511-TIP126**	TO-220	PNP Power Darlington	**0.62**
TIP127	**511-TIP127**	TO-220	PNP Power Darlington	**0.62**
TIP130	**511-TIP130**	TO-220	NPN Power Darlington	**0.69**
TIP131	**333-TIP131**	TO-220	NPN Power Darlington	**0.69**
TIP131	**511-TIP131**	TO-220	NPN Power Darlington	**0.69**
TIP132	**511-TIP132**	TO-220	NPN Power Darlington	**0.69**
TIP135	**511-TIP135**	TO-220	PNP Power Darlington	**0.69**
TIP136	**511-TIP136**	TO-220	PNP Power Darlington	**0.69**
TIP137	**511-TIP137**	TO-220	PNP Power Darlington	**0.69**
TIP140	**511-TIP140**	SOT-93	NPN Power Darlington	**1.56**
TIP141	**511-TIP141**	SOT-93	NPN Power Darlington	**1.56**
TIP142	**333-TIP142**	TO-3P	NPN Power Darlington	**1.45**
TIP142	**511-TIP142**	SOT-93	NPN Power Darlington	**1.59**
TIP145	**511-TIP145**	SOT-93	PNP Power Darlington	**1.61**
TIP146	**511-TIP146**	SOT-93	PNP Power Darlington	**1.61**
TIP147	**333-TIP147**	TO-3P	PNP Power Darlington	**1.61**
TIP147	**511-TIP147**	SOT-93	PNP Power Darlington	**1.63**
TIP2955	**333-TIP2955**	TO-3P	PNP General Purpose Power	**1.29**
TIP2955	**511-TIP2955**	SOT-93	PNP General Purpose Power	**1.36**
TIP3055	**333-TIP3055**	TO-3P	NPN General Purpose Power	**1.15**
TIP3055	**511-TIP3055**	SOT-93	NPN General Purpose Power	**1.33**

Kits, Books, and Software

SMALL SIGNAL TRANSISTOR KIT



Features:

- 180 pieces
- 18 popular transistors
- Labeled and keyed for user convenience
- Packaged in a sturdy translucent storage box

MOUSER STOCK NO.	Contains 10 Pieces Each of:	Price Each
370-TRA-1	2N2222, 2N2907, 2N3904, 2N3906, 2N4124, 2N4401, 2N4403, 2N2369A, 2N3394, 2N3707, 2N4400, 2N6426, MPSA56, MPSA12, MPSA42, MPSA63, BC547, 2SA733	39.95

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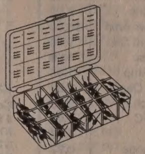

Features:

- 90 pieces
- 18 popular transistors
- Labeled and keyed for user convenience
- Packaged in a sturdy translucent storage box

MOUSER STOCK NO.	Contains 5 Pieces Each of:	Price Each
370-511-1	511-MJE3055T, 511-MJE13005, 511-MJE13007, 511-TIP29, 511-TIP29C, 511-TIP30, 511-TIP31C, 511-TIP32, 511-TIP32C, 511-TIP41C, 511-TIP42, 511-TIP-42C, 511-TIP48, 511-TIP120, 511-TIP121, 511-TIP122, 511-TIP125, 511-TIP131	89.99

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Computer Requirements:

- Requires an IBM PC/XT/AT or compatible computer with a hard disk drive
- Must have 640K RAM with 6 MB of disk space available
- EGA or VGA display
- Requires MS-DOS 2.1 or higher
- Is available on 3-1/2" or 5-1/4" high density disks

Note: This disk does not include all data from the three volume IC Master, only the Alternate Source Directory Section.

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MOUSER STOCK NO.	Disk Size	Price Each
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5872-ASD-95/525	5 1/4"	179.50

1995 IC MASTER CD-ROM PLUS

This MS-DOS PC-based software is designed for users that prefer all their data in an electronic format. CD-ROM Plus combines the IC Master catalog, the Directory of IC Manufacturers' Data Pages and the Alternate Source Directory on a single compact disk. For added convenience, the CD-ROM Plus includes a powerful Inquiry Generation and Tracking program, as well the ability to search for a device by device number, base number with wildcard capability.

Computer Requirements:

- Requires an IBM PC/XT/AT or compatible computer with a hard disk drive
- Must have 640K RAM
- ISO9660 CD-ROM reader
- EGA or VGA display
- Requires MS-DOS 3.x or higher
- Microsoft CD-ROM Extensions 2.0 or higher (MSCDEX)
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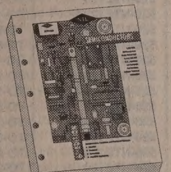
IC MASTER
CD-ROM PLUS

ICMASD Software

MOUSER STOCK NO.	Price Each
5872-CDROM-95	495.00

NTE TECHNICAL GUIDE AND CROSS REFERENCE



The NTE catalog has become the industry's guide when you need semiconductors. Now available is the 6th edition containing over **250,000** cross references to **American, European** and **Japanese** industrial and commercial devices. The catalog includes short form specifications and cross reference in a new easier to read format for **3500** devices in NTE's line.

Book

NTE Part No.	MOUSER STOCK NO.	Price Each
NTE CRM6	526-NTEDAD-3	4.95

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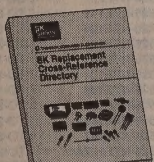
SK SERIES SOLID STATE REPLACEMENT GUIDE AND CROSS REFERENCE



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Book

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SKG202G	599-SKG202F	3.19

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Features:

- Description next to part numbers
- Technical notes below descriptions
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Computer Requirements:

- Operates on IBM-PC or compatible that has 640K of RAM, at least 16 megabytes of hard disk space and 3.5" or 5.25" high density floppy disk drives.

3.5" Disk

SK Series
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Software

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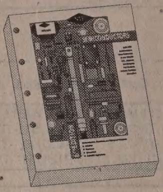
The most popular NTE products are listed. Thousands of other NTE products are in stock, too many to list. Please call your local Mouser Sales Representative.

NTE TECHNICAL GUIDE AND CROSS REFERENCE



The NTE catalog has become the industry's guide when you need semiconductors. Now available is the 6th edition containing over **250,000** cross references to **American, European** and **Japanese** industrial and commercial devices. The catalog includes short form specifications and cross reference in a new easier to read format for **3500** devices in NTE's line.

NTE Part No.	MOUSER STOCK NO.	Price Each
NTE CRM6	526-NTEDAD-3	4.95

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MOUSER STOCK NO.	Description	Price Each
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526-NTE10	TO-92 NPN Low Noise	1.96
526-NTE11	TO-92 NPN Hi-Curr Amp	1.50
526-NTE12	TO-92 PNP Hi-Curr Amp	1.55
526-NTE14	(FTR) PNP Low Freq Drv	1.92
526-NTE15	(FTR) PNP VHF Mix	1.26
526-NTE16	(ATR) NPN G/P Amp	1.16
526-NTE17	(ATR) PNP Low Noise	1.15
526-NTE18	(ATR) NPN Hi-V Curr	2.12
526-NTE19	(ATR) PNP Hi-Curr Drv	2.10
526-NTE20	(ATR) NPN Hi-Pwr Out	1.96
526-NTE21	(ATR) PNP Hi-Pwr Out	2.32
526-NTE22	(ATR) NPN Med Power	1.96
526-NTE23	TO-92 Hi-Freq Amp	1.96
526-NTE24	TO-237 NPN Gen Purpose	1.64
526-NTE25	TO-237 PNP Gen Purpose	1.72
526-NTE26	NPN Low Noise Amp	0.84
526-NTE31	TO-92 NPN AF DR OUT	3.36
526-NTE32	TO-92 PNP AF DR OUT	3.97
526-NTE36	TO-3P NPN AF Pwr Amp	4.85
526-NTE37	TO-3P PNP Power Amp	4.95
526-NTE39	TO-126 PNP Sw Reg	3.80
526-NTE41	SIP-5 Dual Diff Amp	1.90
526-NTE42	SIP-5 Dual Diff Amp	1.84
526-NTE43	SIP-5 Dual Diff Amp	1.98
526-NTE44	SIP-5 Dual Hi-GN Amp	1.80
526-NTE45	SIP-5 Dual Hi-GN Amp	2.02
526-NTE46	TO-92 BIPO Darl Amp	1.96
526-NTE47	TO-92 BIPO Hi-GN Amp	1.06
526-NTE48	TO-92 Hi-Curr Amp GI	1.38
526-NTE50	TO-202 Hi-V Amp/Drv	3.67
526-NTE51	TO-220 NPN Hi-Speed Sw	3.97
526-NTE52	TO-3 Hi-V/ Speed Sw	6.34
526-NTE53	TO-3 BIPO Hi-V/Speed Sw	11.15
526-NTE54	TO-220 NPN Hi-Freq Drv	3.91
526-NTE55	TO-220 Hi-Freq Driver	4.80
526-NTE56	TO-220 NPN Hi-GN Sw	3.70
526-NTE58	Hi-Power Audio Out NPN	10.45
526-NTE60	TO-3 NPN Hi-Power Audio	10.20
526-NTE62	TO-3 NPN Hi-V HR Out	10.30
526-NTE63	NPN Small Signal, Hi Gain	3.41
526-NTE64	UHF/Microwave-Amp/Sw	3.25
526-NTE65	BIPO Hi-V Low Noise	2.70
526-NTE66	TO-220 Power MOSFET	10.20
526-NTE67	TO-220 N-CH MOSFET	10.20
526-NTE68	TO-3 Hi-Power Amp	10.33
526-NTE69	TO-92 UHF/VHF Amp	1.35
526-NTE77	TO-39 NPN CATV Driver	4.09
526-NTE85	TO-92 NPN Gen Pur Amp	0.94
526-NTE87	TO-3 NPN Hi-Power Audio	8.28
526-NTE88	TO-3 Converter/Inverter	8.55
526-NTE89	TO-3 NPN Horiz Output	11.79
526-NTE90	TO-92 NPN GP HIG Amp	1.48
526-NTE91	TO-92 Hi-Gain Amp, GI	1.40
526-NTE92	NPN HI-FI Power Amp	10.85
526-NTE93	PNP Hi-Power Amp	11.75
526-NTE94	TO-3 NPN Hi-V Inverter	5.20
526-NTE100	TO-5 BIPO Osc/Sw	4.58
526-NTE101	TO-5 NPN Oscillator	5.33
526-NTE102	TO-5 PNP Power Out Drvr	3.74

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526-NTE102A	TO-1 PNP Med Pwr Amp	1.98
526-NTE103	TO-5 Pwr Output Driver	4.38
526-NTE103A	TO-1 Med Power Amp	2.02
526-NTE104	TO-3 PNP Audio Pwr Amp	16.30
526-NTE106	TO-18 PNP Hi-Speed Sw	1.40
526-NTE107	TO-92 NPN UHF Osc	1.68
526-NTE108	TO-92 NPN RF/IF Amp	1.64
526-NTE108-1	TO-106 NPN RF/IF Osc	1.53
526-NTE109	DO-7 GP Fast Switch	0.65
526-NTE110MP	DO-7 Diode G/P AFC	0.96
526-NTE112	DO-7 UHF Mixer	1.57
526-NTE115	Dual Diode Com Anode	0.77
526-NTE116	DO-41 GP Rectifier	0.73
526-NTE117	DO-26 GP Rectifier	1.12
526-NTE118	Selen. Rectifier 7500 VDC	2.95
526-NTE120	G/P TV Convg Rectifier	1.96
526-NTE121	TO-3 PNP Audio Pwr Amp	16.01
526-NTE123	TO-39 NPN Audio Amp	1.26
526-NTE123A	TO-18 NPN Audio Amp	1.47
526-NTE123AP	TO-92 NPN Audio Amp	1.25
526-NTE124	TO-66 NPN Hi-V Pwr Out	3.38
526-NTE125	DO-41 GP 1000V 2.5A	0.79
526-NTE126	TO-18 PNP RF/IF Amp	4.83
526-NTE126A	TO-18 PNP RF/IF Amp	5.85
526-NTE128	TO-39 NPN Audio Output	2.03
526-NTE128P	TO-237 NPN Gen Purpose	1.40
526-NTE129	TO-39 PNP Audio Output	2.22
526-NTE129P	TO-237 Gen Purpose Amp	1.45
526-NTE130	TO-3 NPN Audio Pwr Amp	4.06
526-NTE132	TO-106 N-CH JFET Mixer	1.15
526-NTE133	TO-106 JFET AF Amp	0.98
526-NTE137A	DO-41 6.2V 1W Zener	0.92
526-NTE152	TO-220 NPN GP Audio	2.39
526-NTE153	TO-220 PNP GP Audio	2.90
526-NTE154	TO-39 NPN Hi-V Output	3.39
526-NTE155	TO-66 NPN Audio Pwr	3.60
526-NTE156	DO-15 1000V 3A Rectifier	1.41
526-NTE156A	DO-27A 1000V 3A Rectifier	1.40
526-NTE157	TO-126 NPN Hi-Pwr Amp	2.30
526-NTE158	TO-1 PNP Aud PWT Amp	2.24
526-NTE159	TO-92 PNP Audio Amp	1.64
526-NTE159M	TO-18 Audio Amp	0.84
526-NTE160	TO-72 RF/IF Amp/Mixer	2.80
526-NTE161	TO-72 NPN UHF/VHF	2.55
526-NTE162	TO-3 NPN TV Vert Def	8.99
526-NTE163A	TO-3 NPN TV Horiz Def	10.75
526-NTE164	TO-3 NPN TV Vert Out	8.40
526-NTE165	TO-3 NPN TV Horiz Out	13.50
526-NTE171	TO-202 NPN AU/VI Amp	2.86
526-NTE172A	TO-92 NPN Darl Pream	0.98
526-NTE174	TO-3 DAMP DI for TV	4.37
526-NTE175	TO-66 NPN Power Amp	3.51
526-NTE176	TO-39B PNP Power Amp	4.66
526-NTE177	DO-35 Fast Sw Diode	1.08
526-NTE179	TO-3 PNP Audio Pwr Amp	24.05
526-NTE180	TO-3 PNP Hi-Power Amp	9.44
526-NTE181	TO-3 NPN Hi-Power Amp	7.90
526-NTE182	TO-127 NPN GP Amp	11.86
526-NTE184	TO-126 NPN Power Amp	2.29
526-NTE185	TO-126 PNP Power Amp	2.75
526-NTE186	TO-202 GP Output Amp	2.39
526-NTE186A	TO-202 NPN Med Power	2.39
526-NTE187	TO-202 PNP GP Output	2.50
526-NTE187A	TO-202 PNP Med Power	2.50
526-NTE188	TO-202 NPN Hi-V Amp	2.63
526-NTE189	TO-202 PNP Hi-V Amp	2.88
526-NTE190	TO-202 NPN Hi-V Amp	3.30
526-NTE191	TO-202 NPN Hi-V Video	3.98
526-NTE192	TO-92 NPN Aud Pwr Out	1.99
526-NTE193	TO-92 PNP Aud Pwr Out	2.05
526-NTE193A	TO-92 PNP Aud Pwr Out	2.05
526-NTE194	TO-92 NPN GO Hi-V Amp	1.19
526-NTE195A	TO-39 RF Pwr Amp/Driver	4.76
526-NTE196	TO-220 NPN Aud Pwr Out	3.17
526-NTE197	TO-220 PNP Aud Pwr Out	2.88
526-NTE198	TO-220 NPN Hi-V Aud Out	3.61
526-NTE199	TO-92 NPN Hi-GN Amp	1.06
526-NTE210	TO-202 NPN GP Output	2.35
526-NTE211	TO-202 GP Out/Driver	2.50
526-NTE215	TO-3P NPN Darl Driver	4.65
526-NTE218	TO-66 PNP Audio Power	5.25
526-NTE219	TO-3 PNP Gen Pur Amp	6.97
526-NTE221	TO-72 MOSFET Amp/Mix	3.23
526-NTE222	TO-72 N-CH MOSFET AM	3.90

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Features:

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MOUSER STOCK NO.	Total Pieces	Desc.	Price Each
370-526-1	155	Kit 1	249.95
370-526-2	125	Kit 2	219.50

Kit 1 (Replaces 63, 703 devices)
Contains:
5 Pieces Each: NTE102A, NTE121, NTE123A, NTE123AP, NTE130, NTE152, NTE156A, NTE159, NTE177, NTE181, NTE196, NTE198, NTE289A, NTE290A, NTE291, NTE375, NTE506, NTE519, NTE552, NTE558, NTE85
10 Pieces Each: NTE109, NTE125, NTE2302
20 Pieces Each: NTE116

Kit 2 (Replaces 20, 251 devices) Contains:
5 Pieces Each: NTE108, NTE117, NTE123, NTE124, NTE137A, NTE153, NTE154, NTE157, NTE171, NTE172A, NTE184, NTE185, NTE194, NTE197, NTE199, NTE261, NTE263, NTE287, NTE289A, NTE292, NTE373, NTE375, NTE552, NTE5812, NTE89

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MOUSER STOCK NO.	Description	Price Each
		1-99
526-NTE224	TO-39F NPN RF Pwr Out	8.55
526-NTE225	TO-39F NPN Hi-Spd Amp	5.67
526-NTE226	TO-66 Audio Power Output	3.20
526-NTE227	TO-237 NPN Hi-V Amp	2.68
526-NTE228A	TO-202 NPN Hi-V Video	2.51
526-NTE229	TO-92 NPN VHF Osc	1.88
526-NTE230	TO-66 SCR Horiz Defl	15.15
526-NTE231	TO-66 SCR Horiz Defl	12.00
526-NTE232	TO-92 PNP Darl Amp	1.04
526-NTE233	TO-92 NPN Video IF Osc	1.02
526-NTE234	TO-92 Hi-GN AF PreAmp	1.09
526-NTE235	TO-220 NPN RF Pwr Out	6.30
526-NTE236	TO-220 NPN RF Pwr Out	10.40
526-NTE237	TO-39 NPN RF Pwr Out	8.10
526-NTE238	TO-3 NPN Horiz Output	15.75
526-NTE239	TO-72 SCS Vert Osc	3.63
526-NTE240	TO-202 PNP Hi-V Output	4.45
526-NTE241	TO-220 NPN Aud Pwr Amp	2.42
526-NTE242	TO-220 PNP SI Pwr Amp	2.52
526-NTE243	TO-3 NPN Darl Pwr Amp	3.36
526-NTE244	TO-3 PNP Darl Pwr Amp	3.95
526-NTE245	TO-3 NPN Darl Pwr Amp	4.55
526-NTE246	TO-3 PNP Darl Pwr Amp	5.80
526-NTE247	TO-3 NPN Darl Pwr Amp	5.63
526-NTE248	TO-3 PNP Darl Pwr Amp	6.42
526-NTE249	TO-3 NPN Darl Pwr Amp	8.38
526-NTE250	TO-3 PNP Darl Pwr Amp	8.50
526-NTE251	TO-3 NPN Darl Pwr Amp	8.73
526-NTE252	TO-3 PNP Darl Pwr Amp	8.50
526-NTE253	TO-126 NPN Darl Pwr	2.37
526-NTE254	TO-126 PNP Darl Pwr	2.63
526-NTE255	TO-237 NPN Horz Drv/Amp	2.69
526-NTE256	TO-218 Darl DAMP DI	16.33
526-NTE261	TO-220 NPN Darl Pwr	2.42
526-NTE262	TO-220 PNP Darl Pwr	2.71
526-NTE263	TO-220 NPN Darl Pwr	2.56
526-NTE264	TO-220 PNP Darl Pwr	3.10
526-NTE265	TO-202 NPN Darl Pwr	1.38
526-NTE266	TO-202 NPN Darl Pwr	1.74
526-NTE267	TO-202 NPN Darl Pwr	1.55
526-NTE268	TO-202 NPN Darl Pwr	1.57
526-NTE269	TO-202 PNP Darl Pwr	1.82
526-NTE270	TO-218 NPN Darl Pwr	5.66
526-NTE271	TO-218 PNP Darl Pwr	6.15
526-NTE272	TO-202 NPN Darl Pwr	1.84
526-NTE273	TO-202 PNP Darl Pwr	2.35
526-NTE274	TO-66 PNP Darl Pwr	5.57
526-NTE275	TO-66 PNP Darl Pwr	6.08
526-NTE276	TO-66 SCR Gate Sw	13.11
526-NTE278	TO-39 NPN RF Amp	3.25
526-NTE280	TO-3 NPN Audio Output	6.57
526-NTE282	NPN 4W RF Out Trans	8.90
526-NTE283	TO-3 NPN Hi-V HIC Sw	10.29
526-NTE284	TO-3 NPN Audio Amp Out	10.43
526-NTE285	TO-3 PNP Audio Amp Out	11.17
526-NTE287	TO-92 NPN Hi-V GP Amp	1.05
526-NTE288	TO-92 PNP Hi-V GP Amp	1.05

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MOUSER STOCK NO.	Description	Price Each
		1-99
526-NTE289	TO-92 NPN Aud Pwr Amp	1.33
526-NTE289A	TO-92 NPN Aud Pwr Amp	1.42
526-NTE290	TO-92 PNP Audio Amp	1.12
526-NTE290A	TO-92 PNP Audio Amp	1.47
526-NTE291	TO-220 NPN GEN PUT	3.37
526-NTE292	TO-220 PNP GEN PUT	3.57
526-NTE293	TO-92 NPN Audio Amp	1.84
526-NTE294	TO-92 PNP Audio Amp	1.80
526-NTE295	TO-126 NPN RF Pwr Out	3.20
526-NTE297	TO-92 NPN Audio Amp	1.81
526-NTE298	TO-92 PNP Audio Amp	1.64
526-NTE299	TO-202 NPN Power Amp	3.22
526-NTE300	TO-202 NPN Power Amp	3.25
526-NTE302	TO-202 NPN XMIT Driver	3.57
526-NTE307	TO-202 PNP Power Amp	3.90
526-NTE308P	TO-220 Int/Thyr/Rectifier	8.70
526-NTE310	TO-66 Horiz Defl Rect	17.88
526-NTE310P	TO-220 Int/Thyr/Rectifier	8.70
526-NTE311	TO-39 NPN Freq Amp	2.96
526-NTE312	TO-92 N-CH JFET Amp	1.34
526-NTE313	VHF Mixer & UHF/RF Amp	2.97
526-NTE314	TO-3 SCR 400V 12.5A	9.80
526-NTE315	NPN Audio Power Amp	2.76
526-NTE319	TO-72 NPN VHF Amp	1.60
526-NTE319P	TO-92 NPN VHF Amp	1.65
526-NTE322	NPN RF Power Output	2.51
526-NTE323	TO-39 PNP GP Amp/Sw	4.30
526-NTE324	TO-39 NPN GP Amp/Sw	4.50
526-NTE326	TO-92 JFET GP AF Amp	1.72
526-NTE329	TO-39 NPN RF Pwr Amp	6.54
526-NTE331	TO-220 NPN Power Amp	3.30
526-NTE332	TO-220 PNP Power Amp	3.20
526-NTE340	TO-92 NPN RF Pwr Amp	3.58
526-NTE341	TO-39 NPN RF Pwr Amp	9.05
526-NTE342	RF Pwr 130-175MHz 7W	6.55
526-NTE346	TO-39 NPN RF Driver	3.00
526-NTE361	TO-39 NPN RF Pwr Amp	8.00
526-NTE373	TO-126 NPN Audio Amp	1.98
526-NTE374	TO-126 PNP Audio Amp	2.18
526-NTE375	TO-220 NPN Vert Defl	2.92
526-NTE376	TO-220 NPN Power Sup	3.63
526-NTE377	TO-220 NPN Power Amp	3.10
526-NTE378	TO-220 PNP Power Amp	3.38
526-NTE379	TO-220 NPN Power Amp	7.60
526-NTE382	R245 NPN Aud Freq Driver	2.28
526-NTE383	R245 PNP Aud Freq Driver	2.30
526-NTE384	TO-66 NPN Hi-V Pwr Amp	6.52
526-NTE385	TO-3 NPN Audio Pwr Amp	9.10
526-NTE386	TO-3 NPN Audio Pwr Amp	18.61
526-NTE392	TO-218 NPN Power Amp	6.20
526-NTE393	TO-218 PNP Power Amp	6.53
526-NTE396	TO-39 NPN Pwr Amp Sw	3.35
526-NTE397	TO-39 PNP Pwr Amp Sw	3.34
526-NTE398	TO-220 PNP Vert Defl	3.20
526-NTE399	TO-92 NPN Hi-V Amp	3.38
526-NTE451	TO-92 JFET V/UHF Amp	1.75
526-NTE452	TO-72 JFET Amp/Mixer	2.32
526-NTE454	TO-72 DUAL GT MOSFET	2.82
526-NTE455	N-CHAN MOSFET Amp	2.98
526-NTE456	TO-72 GEN PUR Amp/Sw	1.60
526-NTE457	TO-92 N-CHAN JFET	1.60
526-NTE458	TO-92 GP JFET Amp	1.81
526-NTE459	TO-72 N-CHAN JFET	2.48
526-NTE460	TO-72 JFET P-CH Amp	5.07
526-NTE461	TO-71 JFET N-CH Pair	10.80
526-NTE466	TO-18 N-CH JFET	2.97
526-NTE467	TO-92 JFET Hi-Spd Sw	1.31
526-NTE472	TO-39 NPN RF Pwr Driver	5.34
526-NTE473	TO-39 NPN RF Pwr Driver	6.27
526-NTE486	TO-39 NPN RF Freq Amp	5.34
526-NTE488	TO-39 NPN RF Pwr Output	12.33
526-NTE504	HI-V RECT 19.8K PRV	4.80
526-NTE505	HI-V RECT 22K PRV	4.55
526-NTE506	DO-41 Fast Rec Rectifier	1.78
526-NTE507	DO-41 Fast Rec Rectifier	1.32
526-NTE519	DO-35 100V Fast Sw	1.08
526-NTE552	DO-41 GP Fast Rectifier	1.39
526-NTE558	DO-41 GP Hi-V Rectifier	2.46
526-NTE701	DIP16 Vid Sig Processor	7.70
526-NTE703	RF/IF Amp 8 Pin Epoxy	3.29
526-NTE708	TV/FM Sound IF Amp	5.40
526-NTE712	14DIP Sound IF Det	5.06
526-NTE713	DIP14 Chroma Demod	6.90
526-NTE714	DIP16 Chroma Subcar	5.35

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MOUSER STOCK NO.	Description	Price Each
		1-99
526-NTE715	DIP14 Chroma IF Amp	5.30
526-NTE722	DIP14 FM Stereo MLTP	5.90
526-NTE723	DIP14 FM Sound System	6.35
526-NTE725	DIP 14 PreAmp/OP Amp	8.09
526-NTE726	Wide Band Amplifier	5.00
526-NTE731	DIP16 Vid Sig Processor	6.85
526-NTE738	DIP14 Chroma Proc	8.30
526-NTE739	DIP14 Chroma Demod	8.30
526-NTE740A	DIP14 2W Audio Amp	6.23
526-NTE742	DIP16 2W TV Sound Ch	8.85
526-NTE746	DIP8 Linear IF Amp	3.40
526-NTE747	DIP8 Vid Det Low Lev	3.93
526-NTE748	DIP14 TV Sound Circ	11.79
526-NTE749	DIP14 TV Vid IF Amp	7.25
526-NTE754	DIP4 Single Tog F/F	1.58
526-NTE778A	DIP8 Dual Op Amp	3.81
526-NTE783	DIP14 Auto Fine Tune	5.40
526-NTE784	Wide Band Power Amp	6.15
526-NTE788	DIP16 IF Sys/FM Receiver	6.90
526-NTE790	Dual Chroma Demod	9.87
526-NTE791	DIP16 Chroma Dem Amp	5.77
526-NTE793	DIP-14 Vert Countdown	7.15
526-NTE797	DIP-16 Chroma Processor	6.33
526-NTE801	DIP-14 FM Stereo Dem	8.10
526-NTE810A	DIP-14 2W Audio PO	6.80
526-NTE815	DIP-8 TV Horiz Processor	3.21
526-NTE818	DIP-16 TV Lum Processor	4.70
526-NTE821	DIP-14 TV Chroma Demod	5.36
526-NTE822	DIP-16 Video Processor	9.70
526-NTE823	DIP-8 Low V Audio Amp	2.31
526-NTE824	DIP-8 Low No DL PreAmp	2.30
526-NTE825	DIP-14 Batt Oper Amp	3.80
526-NTE828	DIP-14 1.5W Power Amp	3.05
526-NTE829	DIP-8 EL Attenuator	3.50
526-NTE832	DIP-8 Tone Decoder	4.08
526-NTE834	DIP-14 Lo Pwr Quad Comp	2.88
526-NTE835	DIP-16 Chroma Processor	6.52
526-NTE836	DIP-8 TV Horiz Processor	2.92
526-NTE843	DIP-16 TV Video IF PLL	8.10
526-NTE844	DIP-28 Chroma/Lum Pro	14.87
526-NTE846	DIP-18 TV Video Mod	5.40
526-NTE849	DIP-14 TV Countdown Sys	9.20
526-NTE851	DIP-14 U/VHF DESCLR	9.70
526-NTE853	DIP-16 Low Power FM/IF	5.30
526-NTE857M	DIP-8 Op Amp JFET-IN	4.08
526-NTE858M	DIP-8 Op Amp JFET-IN	3.63
526-NTE859	DIP-14 Quad Op Amp	3.98
526-NTE860	DIP-18 Hi-Gain FM IF Sys	5.35
526-NTE862	DIP-14 Audio Power Amp	3.90
526-NTE863	DIP-8 Op Amp/Comparator	4.05
526-NTE864	DIP-14 Prog WVFM Gen	7.58
526-NTE868	DIP-24 Cntdwn Dig Syn	11.58
526-NTE869	DIP-14 Prog Current Amp	3.90
526-NTE902	Oper Transcon Amp	3.34
526-NTE904	Gen Pur Trans Array	3.55
526-NTE909	8-CAN 18V Op Amp	1.93
526-NTE909D	DIP-14 18V Op Amp	1.44
526-NTE910	Hi-Speed VTG Comp	1.96
526-NTE910D	DIP-14 Hi-Speed Comp	1.67
526-NTE911	Dual Comparator	2.71
526-NTE912	DIP-14 CP Trans Array	5.18
526-NTE914	DIP-14 Zero V Sw	10.32
526-NTE915	High Speed Op Amp	7.75
526-NTE916	DIP-16 Com EM Array	4.50
526-NTE917	Dual Array/Diff Amp	4.30
526-NTE918	High Speed Op Amp	4.50
526-NTE918M	DIP-8 High Speed Op Amp	4.50
526-NTE919D	DIP-14 Hi-Speed DL Comp	4.54
526-NTE922	8-GAN Volt Comparator	2.89
526-NTE922M	DIP-8 Volt Comparator	2.46
526-NTE924	Voltage Follower/Op Amp	3.75
526-NTE926	DIP-16 Quad Timer	3.31
526-NTE927	Diff Video Amp	3.00
526-NTE927D	DIP-14 Diff Video Amp	2.30
526-NTE928	Low Power Dual Op Amp	2.93
526-NTE928M	DIP-8 Dual Op Amp	3.13
526-NTE929	DIP-16 GP Trans Array	1.71
526-NTE930	BIMOS Op Amp	5.67
526-NTE937	JFET Input Op Amp	3.10
526-NTE937M	DIP-8 Dual Op Amp	2.99
526-NTE938	Precision Op Amp	2.51
526-NTE938M	DIP-8 Precision Op Amp	2.10
526-NTE941	Freq Comp Op Amp	1.92
526-NTE941D	DIP-14 Freq Comp Op Amp	3.43

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MOUSER STOCK NO.	Description	Price Each
		1-99
526-NTE941M	DIP-8 Freq Comp Op Amp	0.99
526-NTE942	DIP-14 Dual PreAmp	10.37
526-NTE943	Low Pwr Dual Volt Comp	5.23
526-NTE943M	DIP-8 Low Pwr Volt Comp	3.88
526-NTE944	Programmable Op Amp	4.80
526-NTE944M	DIP-8 Program Op Amp	3.10
526-NTE947	Dual 18V Op Amp	6.25
526-NTE947D	DIP-14 Dual Op Amp	6.65
526-NTE948	DIP-14 Quad Op Amp	3.59
526-NTE952	TO-92 Prec 2.5V Shnt	3.15
526-NTE955M	DIP-8 18V Timer	1.86
526-NTE955S	SIP-8 Monolithic Timer	1.90
526-NTE973D	DIP-14 Bal Mod/Demod	3.20
526-NTE974	DIP-14 Phase/Freq Det	7.15
526-NTE975	DIP-8 Gen Pur Op Amp	2.58
526-NTE976	DIP-8 18V Op Amp	2.82
526-NTE978	DIP-14 Dual Timer	2.78
526-NTE982	DIP-16 TV Chroma Sys	3.25
526-NTE984	DIP-16 Video IF Sys	8.75
526-NTE985	DIP-16 TV Lum Processor	6.54
526-NTE987	DIP-14 Quad Op Amp	2.48
526-NTE989	DIP-14 Gen Pur PLL	2.80
526-NTE990	DIP-14 Dual Power Amp	6.12
526-NTE992	DIP-14 Dual Input Amp	2.95
526-NTE994M	DIP-8 Voltage Cont Osc	3.25
526-NTE995	DIP-14 Freq-Volt Converter	3.75
526-NTE995M	DIP-8 Freq-Volt Converter	2.66
526-NTE996	DIP-8 Op Transduc Amp	1.43
526-NTE997	DIP-14 Quad Op Amp	3.75
526-NTE1003	DIP-14 FM/AM IF Amp	7.97
526-NTE1058	SIP-9 Audio Power Amp	8.54
526-NTE1080	DIP-14 TV Video Processor	8.80
526-NTE1115	DIP-12 Audio Power Amp	8.59
526-NTE1115A	DIP-12 Audio Power Amp	8.59
526-NTE1116	DIP-12 Audio Power Amp	6.20
526-NTE1117	DIP-14 Audio Power Amp	6.25
526-NTE1134	DIP-16 Video Sig Proc	7.75
526-NTE1140	DIP-8 Audio Power Amp	9.45
526-NTE1154	DIP-14 Audio Power Amp	8.99
526-NTE1164	DIP-16 VI Jungle Cir	10.53
526-NTE1166	SIP-10 5.8W Audio Output	10.19
526-NTE1170	SIP-8 Dual PreAmp	7.55
526-NTE1171	8-CAN Op Amp	7.54
526-NTE1174	DIP-14 TV AFT CIRC	4.35
526-NTE1180	DIP-14 Audio Power Amp	6.42
526-NTE1186	DIP-14 TV Video IF Amp	6.16
526-NTE1192	SIP-9 VCO FOR PLL	8.38
526-NTE1211	SIP-10 Audio Power Amp	7.56
526-NTE1217	DIP-16 PLL FM DEMOD	7.61
526-NTE1226	DIP-14 FM Stereo DEM	5.07
526-NTE1231	DIP-12 TV Sound CH	5.74
526-NTE1231A	DIP-16 TV Sound CH	5.74
526-NTE1232	TO-220 5LD Audio Amp	6.45
526-NTE1236	DIP-14 TV IF Sound Sys	7.10
526-NTE1245	SIP-10 Vert Deflect	5.80
526-NTE1246	DIP-14 TV Sound IF	6.21
526-NTE1248	DIP-16 PLL FM Demod	7.81
526-NTE1263	DIP-16 VCR Rec/Playback	7.14
526-NTE1271	SIP-8 Volt Generator	5.49
526-NTE1278	SIP-10 Audio Power Amp	6.48
526-NTE1282	SIP-10 Audio Power Amp	12.35
526-NTE1285	SIP-7 Audio Power Amp	10.66
526-NTE1288	TO-220 5LD Aud Pwr Amp	7.49
526-NTE1289	DIP-12 Vert Deflect	11.63
526-NTE1292	DIP-14 IF Amp W/Dect	3.61
526-NTE1293	SIP-12 Dual Audio Amp	13.55
526-NTE1294	DIP-8 Audio Power Amp	4.45
526-NTE1295	DIP-18 TV Sig Processor	3.57
526-NTE1299	DIP-24 TV Sig Processor	8.26
526-NTE1308	DIP-14 TV Sound IF	9.42
526-NTE1320	SIP-10 Audio Power Amp	8.90
526-NTE1368	SIP-12 Dual AF PO	8.54
526-NTE1370	SIP-10 Audio Power Amp	6.78
526-NTE1371	SIP-12 DL Audio Pwr Amp	7.05
526-NTE1373	SIP-12 DL Audio Pwr Amp	9.99
526-NTE1374	TO-220 5LD Aud Pwr Amp	11.03
526-NTE1375	SIP-10 Audio Power Amp	4.14
526-NTE1377	SIP-14 DL Audio Pwr Amp	9.06
526-NTE1378	TO-220 5LD Aud Pwr Amp	10.19
526-NTE1383	DIP-18 DL Audio Pwr Amp	6.52
526-NTE1387	SIP-10 DL Audio Pwr Amp	8.24
526-NTE1389	SIP-12 Audio Power Amp	8.86
526-NTE1390	SIP-10 Audio Power Amp	7.23
526-NTE5812	Axial 100V 6A Rectifier	1.58

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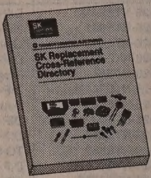

Harris Stock No.	MOUSER STOCK NO.	Price Each
SKG202G	599-SKG202F	3.19

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MOUSER STOCK NO.	Description	Price Each 1-99
599-SK16V2	DO-35 Zener Diode 16.2V 1W	0.89
599-SK29V	DO-35 Zener Diode 29V 1W	0.89
599-SK401B	Radial Trans Surge Supp	7.92
599-SK403B	Radial Trans Surge Supp	8.78
599-SK411	Radial Trans Surge Supp	12.99
599-SK814	DO-27 Thermal Cutoff 66°C	1.20
599-SK1802	DIP-40 8-BIT Microprocess	10.83
599-SK1822	DIP-22 256X4 BIT Static RAM	9.39
599-SK1823	DIP-24 128X8 BIT Static RAM	18.29
599-SK1824	DIP-18 32X8 BIT Static RAM	6.11
599-SK1826	DIP-22 64X8 BIT Static RAM	4.75
599-SK1851	DIP-40 Prog I/O Interface	11.55
599-SK1852	DIP-24 8-BIT I/O Port	3.19
599-SK1853	DIP-16 1-OF-8 Decoder	2.49
599-SK1854	DIP-40 2-Mode UART	7.92
599-SK1855	DIP-28 8-BIT Prog MDU	13.79
599-SK1862	DIP-24 Color Gen Cont	4.49
599-SK1864	DIP-40 Color TV Intrface VDC	13.89
599-SK1871	DIP-40 Keyboard Encoder	7.65
599-SK1872	DIP-22 Hi-Speed 8-BIT In Port	4.49
599-SK1874	DIP-22 Hi-Speed 8-BIT In Port	4.49
599-SK1875	DIP-22 Hi-Spd 8-BIT Outport	4.49
599-SK1876	DIP-40 Video Interface Sys	15.79
599-SK1877	DIP-28 Prog Interpt Cont	11.39
599-SK1878	DIP-28 Dual Counter-Timer	12.05
599-SK1879	DIP-24 Real-Time Clock	15.09
599-SK1881	DIP-20 Lat & Mem Dec Inter	4.19
599-SK1882	DIP-18 Lat & Mem Dec Inter	3.19
599-SK1883	DIP-20 7-BIT Lat & Mem Dec	2.85
◆ 599-SK2006A	L-008 Infrared Emit Diode	2.36
599-SK2035A	L-013 NPN Photo Trans	1.98
599-SK3007A	TO-1 PNP AF Out Stg	4.85
599-SK3026	TO-66 NPN Audio Out	2.95
599-SK3028	TO-66 NPN Audio Out	5.89
599-SK3031A	GE-3 Gen Pur Diode 400V	0.79
599-SK3043B	DO-15 Gen Pur 1000V	3.45
599-SK3051P10	DO-201 AD GP 1000V	1.05
599-SK3074	DIP16 Chroma Demod	7.29
599-SK3081P100	DO-41 Gen Pur 1000V	0.79
599-SK3100P10	DO-35 Fast Rec 75V	0.99
599-SK3123	TO-8 PNP AF Amp	7.48
599-SK3159	DIP-14 FM Multi Decoder	6.19
599-SK3194	TO-66 NPN Horiz Out	8.45
599-SK3226	DIP16 Chroma Demod	11.45
599-SK3227	DIP16 Chroma Sig Pro	9.68
599-SK3259	TO-39 PNP Driver/Out	2.65
599-SK3265	TO-39 NPN Driver/Out	1.69
599-SK3286	DIP16 Chroma Sig Pro	8.35
599-SK3294	DIP14 TV Vert Proc	7.35
599-SK3318A	DO-15 Fast Rec 600V	2.75
599-SK3322	DO-35 Fast Rec 30V	2.69
599-SK3374	DIP12 2.5 W Audio Amp	9.05
599-SK3438	TO-3 NPN Vert Deflec	8.95
599-SK3447	SIP 8 .25W Audio Amp	2.18
599-SK3456	DIP16 4W Audio Amp	7.09
599-SK3479	TO-92 NPN Med Power	1.25
599-SK3525	TO-5 VHF Diff Amp	5.09
599-SK3527	TO-3 Sw Rect 600V	10.65
599-SK3529	TO-39 NPN Hi-Volt Sw	4.19
599-SK3538	TO-66 NPN Sw Trans	2.99

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MOUSER STOCK NO.	Description	Price Each 1-99
599-SK3594	DIP14 Quad Op Amp	6.95
599-SK3617	TO-5 Prog Power Sw	3.57
599-SK3626	TO-66 NPN Power Sw	4.65
599-SK3645	TO-5 Single Op Amp	8.45
599-SK3693	TO-5 Timer/Osc	2.59
599-SK3697	DIP14 Hi-Volt Array	2.50
599-SK3711	DIP14 Lo-Level Video Det	9.39
599-SK3712	SIP9 Phase Comparator	5.85
599-SK3715	TO-92 PNP AF Driver/Out	1.75
599-SK3730	DIP14 4.2W Audio Amp	8.18
599-SK3831	TO-92 + 6V Volt Reg	2.09
599-SK3842	TO-92 NPN Power Amp	1.29
599-SK3847	TO-39 NPN Power Amp	3.89
599-SK3865A	TO-220 NPN Driver	5.45
599-SK3899	TO-92 NPN Pre-Amp	1.05
599-SK3970	SIP9 Bal Mod/Demod	2.15
599-SK3971	TO-5 Hi-Speed Diff Com	4.77
599-SK4325	DIP-18 Prog Key Pulse Dial	12.59
599-SK4326	DIP-18 Prog Key Pulse Dial	12.59
599-SK4802	TO-39 Gen Pur Amp 2.9V	11.33
599-SK4803	IC-143 Gen Pur Amp 3.2V	13.46
599-SK4804	TO-39 Gen Pur Amp 5V	13.39
599-SK4815	SIP10 15W AF Power Amp	6.78
599-SK5014	DO-27 Fast Rec 200V	2.39
599-SK5020	DO-27 Fast Rec 1000V	3.79
599-SK5042	R-097 Full WV Bridge 200V	5.99
599-SK5044	R-097 Full WV Bridge 600V	6.95
599-SK5046	FULL WV Bridge 1000V	8.65
599-SK5048	R-097 Full WV Bridge 200V	6.75
599-SK5050	Full WV Bridge 600V	7.39
599-SK5052	R-098 Full WV Bridge 1000V	9.05
599-SK5053	SIP4 Full WV Bridge 200V	1.69
599-SK5054	SIP4 Full WV Bridge 600V	1.85
599-SK5101	DIP-22 256x4 LSI Static RAM	8.35
599-SK5114	DIP-18 1024x4 LSI Stat RAM	11.01
599-SK5236	TO-220 Sw Rect 200V	2.25
599-SK5704	TO-218 400V Triac	11.80
599-SK7330	R-068 High Volt Rectifier	5.69
599-SK7602	DIP-28 Phase Controller	16.25
599-SK7609	SIP-9 Tape Prog Detector	1.89
599-SK7613	DIP-16 PLL Cir Decoder	7.69
599-SK7614	DIP-8 Audio Driver	3.99
599-SK7623	DIP-18 AM/FM IF Amp	3.55
599-SK7628	DIP-16 Video IF Amp/Detect	6.25
599-SK7629	SIP-7 Gen Pur Timer	3.55
599-SK7632	DIP-30 TV IF Sys W/AFT	12.35
599-SK7636	DIP-20 Audio Tape Sys	9.29
599-SK7651	DIP-16 AM/FM IF Amp/Det	3.15
599-SK7666	SIP-12 Dual AF Power Amp	4.85
599-SK7668	SIP-12 AF PreAmp F/Stereo	2.95
599-SK7669	SIP-9 RF Amp/Mix/Osc/AFC	1.49
599-SK7671	SIP-9 Interproc Sensor	2.05
599-SK7674	DIP-16 AM/FM IF System	5.47
599-SK7675	DIP-16 TV Sound System	4.89
599-SK7678	DIP-16 TV Sound System	5.79
599-SK7680	DIP-24 Speed Cont System	11.55
599-SK7682	TO-5 Micropower Op Amp	3.19
599-SK7683	DIP8 Micropower Op Amp	2.39
599-SK7690	TO-5 MOSFET IN Op Amp	3.19
599-SK7691	DIP8 MOSFET IN Op Amp	2.29
599-SK7693	DIP-16 FM IF Amp/Dect/Limtr	2.89
599-SK7694	DIP24 Chroma Processor	4.55
599-SK7695	TO-5 MOSFET IN Op Amp	3.75
599-SK7696	DIP8 MOSFET IN Op Amp	2.85
599-SK7697	DIP-8 Dual BIMOS Op Amp	3.59
599-SK7698	DIP-18 Dual BIMOS Op Amp	3.59
599-SK7700	DIP-14 Digital AUX Info Buf	2.29
599-SK7701	DIP-24 PAL Lum/Chrm Proc	7.39
599-SK7702	DIP-16 Radio FM IF System	4.19
599-SK7709	DIP8 Op Amp	2.55
599-SK7710	DIP8 Overvolt Sensing	2.95
599-SK7712	DIP-16 Prog Timer/Count	4.65
599-SK7714	DIP-14 BIMOS-Input Op Amp	2.39
599-SK7715	DIP-22 Picture Tube BIAS	8.65
599-SK7727	DIP-16 TV Chroma Processor	12.59
599-SK7733	DIP-40 Quad NPN Darl Arr	5.99
599-SK7738	DIP-18 TV Tuner Band Selsw	6.65
599-SK7744	DIP-16 Aud Pwr AM PreAmp	3.25
599-SK7765	DIP-16 TV Chroma Processor	11.15
599-SK7784	DIP-14 TV Sound IF Amp	6.59
599-SK7790	SIP-10 5.8W Aud Pwr Amp	11.33
599-SK7816	DIP-14 TV Video IF Amp	8.99
599-SK9011	DIP-8 Dual Comparator	4.35

◆ Surface Mount Device

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MOUSER STOCK NO.	Description	Price Each 1-99
599-SK9014	DIP-14 FM MPX Stereo DMD	6.59
599-SK9018	DIP-22 Color TV PIC IF Amp	9.42
599-SK9047	DIP-24 Aud Sig Processor	15.18
599-SK9055	DIP-24 VCR Mtr Drive	9.99
599-SK9069	DIP-20 Stereo Demod	11.85
599-SK9073	SIP5 Voltage Comp	3.96
599-SK9132	TO-92 PNP Audio Freq	1.75
599-SK9152	DO-4 Schottky Rectifier	14.25
599-SK9153	DO-4 Schottky Rectifier	17.49
599-SK9154	DO-5 Schottky Rectifier	18.35
599-SK9155	TO-237 N-CH MOSFET	3.29
599-SK9156	TO-52 N-CH MOSFET	7.09
599-SK9205	DIP16 Trans Array	4.70
599-SK9227	DIP16 TV Horiz Proc	5.68
599-SK9241	DIP14 Elect Switch	3.29
599-SK9243	SIP9 0.8W Audio Amp	3.59
599-SK9257	TO-5 Dual Diff Op Amp	3.19
599-SK9258	DIP8 Dual Diff Op Amp	3.75
599-SK9262	TO-3 NPN Hi Volt	9.79
599-SK9277	TO-5 Dual Volt Comp	3.15
599-SK9278	DIP8 Dual Volt Comp	1.70
599-SK9288	DO-5 Gen Pur Rect 200V	16.35
599-SK9301	R-090 Microwave Rect 12KV	10.15
599-SK9316	DIP24 TV Defl Circuit	6.65
599-SK9317	DIP16 AF Power Driver	5.55
599-SK9318	DIP18 Dis Seg Driver	10.45
599-SK9323	SIP9 Op Amp/Osc	1.65
599-SK9343	TO-3 FIX 15V V Reg	18.00
599-SK9345	TO-66 Overvolt Protect	6.65
599-SK9346	TO-66 Overvolt Protect	6.79
599-SK9347	TO-66 Overvolt Protect	6.89
599-SK9348	TO-3 Overvolt Protect	7.59
599-SK9350	TO-3 Overvolt Protect	12.15
599-SK9358	SIP8 VCR Dis Erase	4.15
599-SK9370	TO-126 NPN Hi-Speed Sw	1.35
599-SK9377	TO-5 MOSFET Op Amp	3.39
599-SK9378	DIP8 MOSFET Op Amp	1.49
599-SK9386	DIP18 OP AMP/QUAD CO	9.75
599-SK9390	TO-247 PNP LoFreq Pwr Amp	6.25
599-SK9391	TO-220 NPN Sw XISTR	4.02
599-SK9399	DIP8 Dual Op Amp	6.69
599-SK9401	DIP14 Dual Power Amp	6.05
599-SK9408	TO-252 NPN LoFreq Pwr Amp	2.05
599-SK9409	TO-252 PNP LoFreq Pwr Amp	2.19
599-SK9410	TO-92 NPN Sw Am p	1.49
599-SK9417	TO-55 NPN AF Power Amp	1.80
599-SK9418	TO-10 NPN AF Sm Signal	0.95
599-SK9431	TO-220 NPN Hi-Volt	3.95
599-SK9444	TO-72 NPN PreAmp Input	1.95
599-SK9445	TO-220 NPN Hi-Volt	4.02
599-SK9456A	TO-92 PNP Darl Amp	0.95
599-SK9457	TO-62 NPN Power Sw Trans	3.95
599-SK9458	TO-62 PNP Power Sw Trans	3.15
599-SK9463	TO-92 NPN Hi-Curr Driver	0.98
599-SK9464	TO-92 PNP Hi-Curr Driver	0.95
599-SK9465	TO-92 NPN Hi-Speed Sw	0.55
599-SK9466	TO-220 NPN Hi-Volt	1.79
599-SK9467	TO-220 PNP Hi-Volt	2.21
599-SK9470	TO-237 NPN Hi-Speed Sw	1.22
599-SK9473	TO-237 NPN Hi-Volt	2.39
599-SK9474	TO-220 NPN Power Trans	2.50
599-SK9489	TO-247 PNP Power Amp	6.49
599-SK9500	TO-220 N-CH MOSFET	2.15
599-SK9501	TO-220 N-CH MOSFET	5.29
599-SK9503	TO-220 N-CH MOSFET	3.29
599-SK9504	TO-39 P-CH MOSFET	4.65
599-SK9505	TO-220 P-CH MOSFET	5.19
599-SK9508	TO-220 P-CH MOSFET	11.75
599-SK9651	TO-319 NPN Sig Amp	5.79
599-SK9703	DIP-24 1024X8 Prom 70NS	12.79
599-SK9705	TO-92 Optoisolatr NPN XSTR	3.05
599-SK9712	DIP18 Noise Reduce Sys	7.22
599-SK9713	SIP8 Filter Seg Proc	1.24
599-SK9717	SIP9 Rem Cnt PreAmp	1.89
599-SK9718	DIP16 Quad G-BIT D/A	5.69
599-SK9720	TO-97 NPN Bipolar Trans	0.93
599-SK9721	DIP8 Dual Comparator	1.71
599-SK9723	DIP18 VTR Ser Interface	4.23
599-SK9724	DIP24 VTR DD MTR CIR	14.82
599-SK9725	SIP9 TV Tuner Band Sw	3.79
599-SK9727	DIP28 TV Video IF Amp	9.74
599-SK9728	DIP-22 Interface F/Char Patt	8.45
599-SK9729	SIP7 Vert Defl Circ	3.79

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Manufacturer	Prefix
Harris Semiconductor	570
NTE	526

TTL and CMOS IC's

7400 / 74AC / 74ACT / 74C / 74FCT / 54HC Series

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MOUSER NO. Mfr.	MOUSER NO. Industry No.	Description	Price Each 1-99

7400 Series TTL

Mfr.	Industry No.	Description	1-99
526 -	NTE7400	Quad 2-input NAND Gate	0.71
526 -	NTE7401	Quad 2-input NAND Gate	0.56
526 -	NTE7402	Quad 2-input NOR Gate	1.00
526 -	NTE7403	Quad 2-input NAND Gate	0.56
526 -	NTE7404	Hex Inverter / Buffer	0.88
526 -	NTE7405	Hex Inverter	0.84
526 -	NTE7406	Hex Inverter / Buffer	0.85
526 -	NTE7407	Hex Buffer / Driver	0.99
526 -	NTE7408	Quad 2-input AND Gate	0.81
526 -	NTE7409	Quad 2-input AND Gate	0.73
526 -	NTE7410	Triple 3-input NAND Gate	0.73
526 -	NTE7411	Triple 3-input AND Gate	0.73
526 -	NTE7412	Triple 3-input AND Gate	0.63
526 -	NTE7413	Dual 4-input Schmitt Trigger	0.71
526 -	NTE7414	Hex Schmitt Inverter	2.69
526 -	NTE7416	Hex Inverter / Buffer	1.33
526 -	NTE7417	Hex Buffer / Driver	1.05
526 -	NTE7420	Dual 4-input NAND Gate	0.71
526 -	NTE7421	Dual 4-input AND Gate	1.91
526 -	NTE7422	Dual 4-input NAND Gate	1.45
526 -	NTE7423	Dual 4-input NOR Gate	0.99
526 -	NTE7425	Dual 4-input NOR Gate	0.71
526 -	NTE7426	Quad 2-input NAND Gate	0.49
526 -	NTE7427	Triple 3-input NOR Gate	0.81
526 -	NTE7428	Quad 2-input NOR Buffer	0.93
526 -	NTE7430	8-input NAND Gate	0.56
526 -	NTE7432	Quad 2-input OR Gate	1.00
526 -	NTE7433	Quad 2-input NOR Gate	1.00
526 -	NTE7437	Quad 2-input NAND Buffer	0.61
526 -	NTE7438	Quad 2-input NAND Buffer	1.11
526 -	NTE7439	Quad 2-input NAND Buffer	0.85
526 -	NTE7440	Dual 4-input NAND Buffer	0.48
526 -	NTE7441	Decoder Driver	3.35
526 -	NTE7442	BCD to Decimal Decoder	1.82
526 -	NTE7443	4 to 10 Dec Line Decoder	1.71
526 -	NTE7444	4 to 10 Dec Line Decoder	1.71
526 -	NTE7445	BCD to Decimal Decoder	1.63
526 -	NTE7446	BCD to 7-SEG Driver	2.21
526 -	NTE7447	BCD to 7-SEG Driver	2.59
526 -	NTE7448	BCD to 7-SEG Driver	2.74
526 -	NTE7450	Dual 2-input AND/OR Gate	0.66
526 -	NTE7451	Dual AND/OR Invert Gate	0.66
526 -	NTE7453	Exp 4WD AND/OR Inverter	0.46
526 -	NTE7454	2-3-3-2 AND/OR Input Gate	1.05
526 -	NTE7460	Dual 4-input Expander	1.96
526 -	NTE7470	AND Gated J-K F/F	1.07
526 -	NTE7472	AND Gated J-K F/F	1.26
526 -	NTE7473	Dual J-K F/F with Clear	0.81
526 -	NTE7474	Dual D-type F/F	0.53
526 -	NTE7475	4-bit D-type Latch	2.21
526 -	NTE7476	Dual J-K Flip-Flop	1.82
526 -	NTE7480	Gated Full Adder	1.58
526 -	NTE7482	2-bit Bin Full Adder	2.70
526 -	NTE7483	4-bit Bin Full Adder	1.46
526 -	NTE7485	4-bit Magnitude Comp	2.19
526 -	NTE7486	Quad Exclusive OR Gate	0.83
526 -	NTE7489	64-bit Read/Wrt Mem	11.64
526 -	NTE7490	Decade Counter	1.11
526 -	NTE7491	8-bit Shift Register	1.07
526 -	NTE7492	Div by 12 Counter	1.43
526 -	NTE7493A	4-bit Bin Ripple Counter	0.97
526 -	NTE7495	4-bit Shift Register	0.94
526 -	NTE7496	5-bit Shift Register	1.14
526 -	NTE7497	Sync 6-bit Bin Multi	4.01
526 -	NTE74109	Dual J-K Flip-Flop	1.29
526 -	NTE74121	Monostable Multivibrator	1.32
526 -	NTE74123	Dual Mono Multivibrator	2.41
526 -	NTE74145	BCD to Dec Dec/Driver	3.05
526 -	NTE74150	1 to 16 Data Sel/Multi	4.60
526 -	NTE74154	4 to 16 Ln Dec/Multiplexer	4.74
526 -	NTE74155	Dual 1 of 4 Decoder	2.27
526 -	NTE74160	Sync 4-bit Counter	3.20
526 -	NTE74173	4-bit D-type F/F	1.92
526 -	NTE74179	4-bit Univ Shift Register	4.68
526 -	NTE74195	4-bit PIPO Shift Register	1.99

74AC Series Advance CMOS

Mfr.	Industry No.	Description	1-99
570 -	74AC00E	Quad 2-input NAND gate	0.55
570 -	74AC02E	Quad 2-input NOR gate	0.55
◆ 570 -	74AC02M	Quad 2-input NOR gate	0.57
570 -	74AC04E	Hex inverter/buffer	0.55
570 -	74AC08E	Quad 2-input AND gate	0.55
◆ 570 -	74AC08M	Quad 2-input AND gate	0.57
570 -	74AC10E	Triple 3-input NAND gate	0.55
570 -	74AC14E	Hex inverting schmitt trigger	0.64
◆ 570 -	74AC14M	Hex inverting schmitt trigger	0.68
570 -	74AC20E	Dual 4-input NAND gate	0.57
◆ 570 -	74AC20M	Dual 4-input NAND gate	0.61

For quantities greater than listed call for quote

74AC Series Advance CMOS (cont.)

Mfr.	Industry No.	Description	1-99
570 -	74AC32E	Quad 2-input OR gate	0.55
◆ 570 -	74AC32M	Quad 2-input NAND gate	0.57
570 -	74AC74E	Dual D-type F/F w/set-reset	0.62
570 -	74AC86E	Quad 2-input excl OR gate	0.89
570 -	74AC109E	Dual JK flip-flop w/set-reset	0.77
570 -	74AC112E	Dual JK flip-flop w/set-reset	1.20
570 -	74AC138E	3-to-8 line decodr/demultiplx	1.00
570 -	74AC139E	Dual 2-of-4 line decdr/demlt	1.00
570 -	74AC151E	8-input multiplexer	1.00
◆ 570 -	74AC151M	8-input multiplexer	1.02
570 -	74AC153E	Dual 4-input multiplexer	1.00
570 -	74AC157E	Quad 2-input multiplexer	1.00
570 -	74AC158E	Quad 2-input multiplexer	1.00
570 -	74AC161E	Presett sync 4-bit bin cntr	1.48
570 -	74AC163E	Presett sync 4-bit bin cntr	1.48
570 -	74AC174E	Hex D-type flip-flop w/reset	1.00
570 -	74AC240E	Octal buffer/line driver; 3-s	1.48
570 -	74AC241E	Octal buffer/line driver; 3-st	1.48
570 -	74AC244E	Octal buffer/line driver; 3-st	1.48
570 -	74AC245E	Octal bus transceiver; 3-st	1.61
570 -	74AC257E	Quad 2-input multiplexer	1.00
570 -	74AC273E	Octal D-type flip-flop w/reset	1.46
570 -	74AC373E	Octal transparent latch; 3-st	1.52
570 -	74AC374E	Octal D-type flip-flop	1.52
570 -	74AC541E	Octal buffer/line driver; 3-st	1.54
570 -	74AC573E	Octal transparent latch; 3-st	1.55
570 -	74AC574E	Octal D-type flip-flop	1.55

74ACT Series Advance CMOS

Mfr.	Industry No.	Description	1-99
570 -	74ACT00E	Quad 2-input NAND gate	0.55
570 -	74ACT02E	Quad 2-input NOR gate	0.55
570 -	74ACT04E	Hex inverter/buffer	0.55
570 -	74ACT08E	Quad 2-input AND gate	0.55
570 -	74ACT32E	Quad 2-input OR gate	0.55
570 -	74ACT74E	Dual D-type F/F w/set-reset	0.62
570 -	74ACT112E	Dual JK F/F w/set-reset	1.20
570 -	74ACT138E	3-to-8 line decodr/demultipl	1.00
570 -	74ACT139E	Dual 2-of-4 line decod/dem	1.00
570 -	74ACT153E	Dual 4-input multiplexer	1.00
570 -	74ACT157E	Quad 2-input multiplexer	1.00
570 -	74ACT158E	Quad 2-input multiplexer	1.00
570 -	74ACT161E	Presett sync 4-bit bin cntr	1.48
570 -	74ACT163E	Presett sync 4-bit bin cntr	1.48
570 -	74ACT174E	Hex D-type F/F with reset	1.00
570 -	74ACT240E	Octal buffer/line driver; 3-st	1.46
570 -	74ACT244E	Octal buffer/line driver; 3-st	1.46
570 -	74ACT245E	Octal bus transceiver; 3-st	1.61
570 -	74ACT257E	Quad 2-input multiplexer	1.00
570 -	74ACT273E	Octal D-type F/F with reset	1.46
570 -	74ACT280E	9-bit odd/even parity gen	1.04
570 -	74ACT283E	4-bit bin full addr w/fast cary	1.46
570 -	74ACT299E	8-bit universal shift register	2.46
570 -	74ACT373E	Octal transparent latch; 3-st	1.52
570 -	74ACT374E	Octal D-type flip-flop	1.52
570 -	74ACT541E	Octal buffer/line driver; 3-st	1.54
570 -	74ACT573E	Octal transparent latch; 3-st	1.55
570 -	74ACT574E	Octal D-type flip-flop	1.55

74C Series

Mfr.	Industry No.	Description	1-99
526 -	NTE74C00	Quad 2-input NAND Gate	1.22
526 -	NTE74C02	Quad 2-input NOR Gate	0.83
526 -	NTE74C04	Hex Inverter / Buffer	0.92
526 -	NTE74C08	Quad 2-input AND Gate	0.97
526 -	NTE74C10	Triple 3-input NAND Gate	0.83
526 -	NTE74C14	Hex Schmitt Inverter	1.48
526 -	NTE74C20	Dual 4-input NAND Gate	0.77
526 -	NTE74C30	8-input NAND Gate	0.77
526 -	NTE74C32	Quad 2-input OR Gate	0.83
526 -	NTE74C42	BCD to Decimal Decoder	2.71
526 -	NTE74C48	BCD-to-7 SEG Decoder	4.60
526 -	NTE74C73	Dual J-K F/F with Clear	1.67
526 -	NTE74C74	Dual D-type F/F	1.51
526 -	NTE74C76	Dual J-K Flip-Flop	1.55
526 -	NTE74C85	4-bit Magnitude Comp	3.47
526 -	NTE74C90	Decade Counter	3.74
526 -	NTE74C93	4-bit Bin Ripple Counter	2.72
526 -	NTE74C95	4-bit Bin Shift Register	2.13
526 -	NTE74C107	Dual J-K Flip-Flop	2.45
526 -	NTE74C151	8 to 1 Line Multiplexer	5.36
526 -	NTE74C154	4 to 16 Ln Decodr/Multiplex	6.46
526 -	NTE74C157	Quad 2 to 1 Ln Multiplexer	4.57
526 -	NTE74C160	4-bit Async Dec Counter	1.96
526 -	NTE74C161	4-bit Async Bin Counter	2.21
526 -	NTE74C164	8-bit SIPO Shift Register	3.51
526 -	NTE74C173	Quad D-type Reg 3-Stage	2.21
526 -	NTE74C174	Hex D F/F with Clear	2.19
526 -	NTE74C175	Quad D F/F with Clear	2.41
526 -	NTE74C192	Sync Up/Down Dec Counter	3.49

For quantities greater than listed call for quote

74C Series (cont.)

Mfr.	Industry No.	Description	1-99
526 -	NTE74C193	Sync Up/Down Bin Counter	3.76
526 -	NTE74C221	Dual Monostable Multivibr	4.65
526 -	NTE74C240	Octal Bus Buffer 3-Stage	7.99
526 -	NTE74C244	Octal Bus Buffer 3-Stage	3.04
526 -	NTE74C373	Octal D-type Latch	2.35
526 -	NTE74C374	Octal D-type F/F	4.08
526 -	NTE74C901	Hex Inverting Buffer	1.70
526 -	NTE74C902	Hex Non-Inverting Buffer	1.29
526 -	NTE74C903	Hex Inverting Buffer	0.99
526 -	NTE74C904	Hex Non-Inverting Buffer	0.99
526 -	NTE74C922	16-key Encoder 3-Stage	12.07
526 -	NTE74C923	20-key Encoder 3-Stage	10.71
526 -	NTE74C925	4-dig Counter w/ 7 Seg Drv	14.35

74FCT Series BICMOS

Mfr.	Industry No.	Description	1-99
570 -	74FCT240E	Octal Bus Buffer 3-Stage	2.98
570 -	74FCT244E	Octal Bus Buffer	2.98
570 -	74FCT245E	Octal Bus Transceiver	3.95
570 -	74FCT273E	Octal D F/F with Clear	2.98
570 -	74FCT373E	Octal D-type F/F	2.98
570 -	74FCT374E	Octal D-type F/F	2.98
570 -	74FCT533E	Octal D-type Latch	2.98
570 -	74FCT534E	Octal D-type F/F Inverter	2.98
570 -	74FCT540E	Octal Bus Buffer Inverter	5.59
570 -	74FCT541E	Octal Bus Buffer	5.59
570 -	74FCT563E	Octal D-type Latch	2.98
570 -	74FCT564E	Octal D-type F/F Inverter	2.98
570 -	74FCT573E	Octal D-type Latch	2.98
570 -	74FCT574E	Octal D-type F/F	2.98
570 -	74FCT623E	Octal Bus Transceiver	6.04

54HC / 74HC Series High Speed CMOS

Mfr.	Industry No.	Description	1-99
570 -	CD54HC00F	Quad 2-input NAND Gate	1.25
570 -	CD54HC02F	Quad 2-input NOR Gate	1.30
570 -	CD54HC04F	Hex Inverter/Buffer	1.25
570 -	CD54HC08F	Quad 2-input AND Gate	1.25
570 -	CD54HC10F	Triple 3-input NAND Gate	1.50
570 -	CD54HC11F	Triple 3-input AND Gate	2.73
570 -	CD54HC20F	Dual 4-input NAND Gate	1.39
570 -	CD54HC27F	Triple 3-input NOR Gate	1.39
570 -	CD54HC30F	8-input NAND Gate	1.71
570 -	CD54HC74F	Dual D-type F/F	1.39
570 -	CD54HC75F	4-bit D-type Latch	1.98
570 -	CD54HC86F	Quad Exclusive OR Gate	1.52
570 -	CD54HC109F	Dual J-K FF w/Ps & Cl	1.91
570 -	CD54HC138F	3 to 8 Line Decoder	2.37
570 -	CD54HC139F	Dual 2 to 4 Line Decoder	2.75
570 -	CD54HC151F	8 to 1 Line Multiplexer	2.32
570 -	CD54HC154F	4 to 16 Ln Decoder/Multp	7.35
570 -	CD54HC157F	Quad 2 to 1 Line Multplx	2.04
570 -	CD54HC158F	Quad 2 to 1 Line Multplx	1.54
570 -	CD54HC160F	4-bit Async Dec Counter	2.04
570 -	CD54HC161F	4-bit Async Bin Counter	2.77
570 -	CD54HC162F	4-bit Sync Dec Counter	2.55
570 -	CD54HC163F	4-bit Sync Bin Counter	2.33
570 -	CD54HC164F	8-bit SIPO Shift Register	2.70
570 -	CD54HC166F	8-bit PISO Shift Register	4.06
570 -	CD54HC173F	Quad D-type Reg 3-Stage	2.46
570 -	CD54HC174F	Hex D F/F with Clear	2.48
570 -	CD54HC175F	Quad D F/F with Clear	2.59
570 -	CD54HC190F	BCD Sync Up/Down Countr	2.93
570 -	CD54HC194F	4-bit PIPO Shift Reg	2.00
570 -	CD54HC195F	4-bit PIPO Shift Reg	2.55
570 -	CD54HC221F	Dual Monostable Multivibr	3.87
570 -	CD54HC238F	3 to 8 Line Decoder	2.84
570 -	CD54HC240F	Octal Bus Buffer 3-Stage	4.71
570 -	CD54HC241F	Octal Bus Buffer 3-Stage	5.78
570 -	CD54HC242F	Quad Bus Transceiver	3.36
570 -	CD54HC243F	Quad Bus Transceiver	4.21
570 -	CD54HC244F	Octal Bus Buffer 3-Stage	4.66
570 -	CD54HC245F	Octal Bus Transceiver	4.95
570 -	CD54HC251F	3-Chan Multplxr 3-Stage	1.73
570 -	CD54HC253F	Dual 4-Chan Multiplexer	1.77
570 -	CD54HC257F	Quad 2-Chan Multiplexer	1.86
570 -	CD54HC273F	Octal D F/F with Clear	3.62
570 -	CD54HC280F	9-bit Parity Generator	5.62
570 -	CD54HC299F	8-bit Univ Shift Register	8.21
570 -	CD54HC365F	Hex Bus Buffer Non-Invert	2.37
570 -	CD54HC366F	Hex Bus Buffer Inverter	1.98
570 -	CD54HC367F	Hex Bus Buffer Non-Invert	2.31
570 -	CD54HC368F	Hex Bus Buffer Inverter	2.62
570 -	CD54HC374F	Octal D-type F/F	6.30
570 -	CD54HC377F	Octal D-type F/F	7.16
570 -	CD54HC393F	Dual Binary Counter	2.64
570 -	CD54HC533F	Octal D-type Latch	4.39
570 -	CD54HC534F	Octal D-type F/F Inverter	9.14
570 -	CD54HC540F	Octal Bus Buffer Inverter	5.31
570 -	CD54HC541F	Octal Bus Buffer	5.55

Manufacturer	Prefix
Harris Semiconductor	570
SGS Thomson	511

TTL and CMOS IC's

54HC / 74HC Series

♦ **Surface Mount Device**

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	54HC / 74HC Series (cont.)			
	570 -	CD54HC564F	Octal D-type F/F Inverter	6.96
	570 -	CD54HC573F	Octal D-type Latch	6.30
	570 -	CD54HC574F	Octal D-type F/F	6.64
	570 -	CD54HC640F	Octal Bus Transceiver	4.96
	570 -	CD54HC643F	Octal Bus Transceiver	5.69
	570 -	CD54HC646F	Octal Bus Transceiver Rg	10.35
	570 -	CD54HC670F	4 Word x 4 Bit Reg File	6.16
	570 -	CD54HC688F	8-bit Equality Comparator	4.66
	570 -	CD54HC4017F	Decade Counter/Divider	1.25
	570 -	CD54HC4020F	14-Stage Binary Counter	4.11
	570 -	CD54HC4024F	7-Stage Binary Counter	3.20
	570 -	CD54HC4040F	12-Stage Binary Counter	2.75
	570 -	CD54HC4060F	14-Stage Binary Cntr/Osc	2.77
	570 -	CD54HC4514F	4 to 16 Line Decdr/Demul	9.52
	570 -	CD54HC4520F	Dual 4-bit Sync Binary	2.95
	570 -	CD54HC4538F	Dual Monostable Multivibr	3.89
	511 -	M74HC00	Quad 2-input NAND Gate	0.41
	570 -	CD74HC00E	Quad 2-input NAND Gate	0.37
♦	570 -	CD74HC00M	Quad 2-input NAND Gate	0.38
	511 -	M74HC02	Quad 2-input NOR Gate	0.41
	570 -	CD74HC02E	Quad 2-input NOR Gate	0.37
♦	570 -	CD74HC02M	Quad 2-input NOR Gate	0.38
	511 -	M74HC03	Quad 2-input NAND Gate	0.41
	570 -	CD74HC03E	Quad 2-input NAND Gate	0.42
	511 -	M74HC04	Hex Inverter/Buffer	0.41
	570 -	CD74HC04E	Hex Inverter/Buffer	0.37
♦	570 -	CD74HC04M	Hex Inverter/Buffer	0.38
	511 -	M74HC08	Quad 2-input AND Gate	0.41
	570 -	CD74HC08E	Quad 2-input AND Gate	0.37
♦	570 -	CD74HC08M	Quad 2-input AND Gate	0.38
	511 -	M74HC10	Triple 3-input NAND Gate	0.41
	570 -	CD74HC10E	Triple 3-input NAND Gate	0.37
	511 -	M74HC11	Triple 3-input AND Gate	0.41
	570 -	CD74HC11E	Triple 3-input AND Gate	0.37
	511 -	M74HC14	Hex Schmitt Inverter	0.46
	570 -	CD74HC14E	Hex Schmitt Inverter	0.40
♦	570 -	CD74HC14M	Hex Schmitt Inverter	0.42
	511 -	M74HC20	Dual 4-input NAND Gate	0.41
	570 -	CD74HC20E	Dual 4-input NAND Gate	0.38
	511 -	M74HC21	Dual 4-input AND Gate	0.41
	570 -	CD74HC21E	Dual 4-input AND Gate	0.37
	511 -	M74HC27	Triple 3-input NOR Gate	0.41
	570 -	CD74HC27E	Triple 3-input NOR Gate	0.38
	511 -	M74HC30	8-input NAND Gate	0.41
	570 -	CD74HC30E	8-input NAND Gate	0.37
♦	570 -	CD74HC30M	8-input NAND Gate	0.38
	511 -	M74HC32	Quad 2-input OR Gate	0.41
	570 -	CD74HC32E	Quad 2-input OR Gate	0.37
♦	570 -	CD74HC32M	Quad 2-input OR Gate	0.38
	511 -	M74HC42	BCD to DEC Decoder	0.60
	570 -	CD74HC42E	BCD to DEC Decoder	0.55
	511 -	M74HC51	Dual AND/OR Inv Gate	0.41
	511 -	M74HC73	Dual J-K F/F with Clear	0.46
	570 -	CD74HC73E	Dual J-K F/F with Clear	0.42
	511 -	M74HC74	Dual D-type F/F	0.46
	570 -	CD74HC74E	Dual D-type F/F	0.40
♦	570 -	CD74HC74M	Dual D-type F/F	0.46
	511 -	M74HC75	4-bit D-type Latch	0.46
	570 -	CD74HC75E	4-bit D-type Latch	0.46
	511 -	M74HC76	Dual J-K Flip-Flop	0.46
	511 -	M74HC77	Quad D-type Latch	0.46
	511 -	M74HC85	4-bit Magnitude Comparator	0.60
	570 -	CD74HC85E	4-bit Magnitude Comparator	0.61
	511 -	M74HC86	Quad Exclusive OR Gate	0.46
	570 -	CD74HC86E	Quad Exclusive OR Gate	0.44
♦	570 -	CD74HC86M	Quad Exclusive OR Gate	0.51
	570 -	CD74HC93E	4-bit Binary Counter	0.62
♦	570 -	CD74HC93M	4-bit Binary Counter	0.64
	511 -	M74HC107	Dual J-K Flip-Flop	0.46
	570 -	CD74HC107E	Dual J-K Flip-Flop	0.57
	511 -	M74HC109	Dual J-K FF w/Ps & Cl	0.46
	570 -	CD74HC109E	Dual J-K FF w/Ps & Cl	0.49
	511 -	M74HC112	Dual J-K FF w/Ps & Cl	0.46
	570 -	CD74HC112E	Dual J-K FF w/Ps & Cl	0.46
	570 -	CD74HC123E	Dual Monostable Multivbratr	0.66
	511 -	M74HC125	Quad Bus Buffer 3 State	0.46
	570 -	CD74HC125E	Quad Bus Buffer 3 State	0.53
	511 -	M74HC126	Quad Bus Buffer 3 State	0.46
	570 -	CD74HC126E	Quad Bus Buffer 3 State	0.61
	511 -	M74HC132	Quad 2-input Schmitt NAND	0.46
	570 -	CD74HC132E	Quad 2-input Schmitt NAND	0.61
	511 -	M74HC133	13-input NAND Gate	0.41
	511 -	M74HC137	3 to 8 Line Decoder Latch	0.58
	570 -	CD74HC137E	3 to 8 Line Decoder Latch	0.68
	511 -	M74HC138	3 to 8 Line Decoder	0.55
	570 -	CD74HC138E	3 to 8 Line Decoder	0.49
♦	570 -	CD74HC138M	3 to 8 Line Decoder	0.61
	511 -	M74HC139	Dual 2 to 4 Line Decoder	0.51
	570 -	CD74HC139E	Dual 2 to 4 Line Decoder	0.49
♦	570 -	CD74HC139M	Dual 2 to 4 Line Decoder	0.57
	511 -	M74HC147	10 to 4 Line Pri Encoder	0.55
	570 -	CD74HC147E	10 to 4 Line Pri Encoder	0.62
	511 -	M74HC148	8 to 3 Line Pri Encoder	0.60
	511 -	M74HC151	8 to 1 Line Multiplexer	0.51
	570 -	CD74HC151E	8 to 1 Line Multiplexer	0.55
	511 -	M74HC153	Dual 4 to 1 Line Multiplexer	0.55
	570 -	CD74HC153E	Dual 4 to 1 Line Multiplexer	0.53
	570 -	CD74HC154E	4 to 16 Line Decoder/Multi	3.12
♦	570 -	CD74HC154M	4 to 16 Line Decoder/Multi	2.23
	511 -	M74HC155	Dual 2 to 4 Line Decoder	0.55
	511 -	M74HC157	Quad 2 to 1 Line Multiplexr	0.51
	570 -	CD74HC157E	Quad 2 to 1 Line Multiplexr	0.51
♦	570 -	CD74HC157M	Quad 2 to 1 Line Multiplexr	0.59
	511 -	M74HC158	Quad 2 to 1 Line Multiplexr	0.51
	570 -	CD74HC158E	Quad 2 to 1 Line Multiplexr	0.53
	511 -	M74HC160	4-bit Async Dec Counter	0.60
	570 -	CD74HC160E	4-bit Async Dec Counter	0.64
	511 -	M74HC161	4-bit Async Bin Counter	0.60
	570 -	CD74HC161E	4-bit Async Bin Counter	0.57
	511 -	M74HC162	4-bit Sync Dec Counter	0.60
	570 -	CD74HC162E	4-bit Sync Dec Counter	0.79
	511 -	M74HC163	4-bit Sync Bin Counter	0.60
	570 -	CD74HC163E	4-bit Sync Bin Counter	0.62
	511 -	M74HC164	8-bit SIPO Shift Register	0.58
	570 -	CD74HC164E	8-bit SIPO Shift Register	0.55
♦	570 -	CD74HC164M	8-bit SIPO Shift Register	0.61
	511 -	M74HC165	8-bit PISO Shift Register	0.58
	570 -	CD74HC165E	8-bit PISO Shift Register	0.55
	511 -	M74HC166	8-bit PISO Shift Register	0.60
	570 -	CD74HC166E	8-bit PISO Shift Register	0.68
	511 -	M74HC173	Quad D-type Reg 3-Stage	0.60
	570 -	CD74HC173E	Quad D-type Reg 3-Stage	0.61
	511 -	M74HC174	Hex "D" F/F with Clear	0.60
	570 -	CD74HC174E	Hex "D" F/F with Clear	0.53
	511 -	M74HC175	Quad "D" F/F with Clear	0.60
	570 -	CD74HC175E	Quad "D" F/F with Clear	0.51
	570 -	CD74HC181E	4-bit Arithmetic Logic Unit	3.12
	511 -	M74HC182	Lookahead Cary Gen	0.63
	570 -	CD74HC182E	Lookahead Cary Gen	1.12
	511 -	M74HC190	BCD Sync Up/Down Countr	0.85
	570 -	CD74HC190E	BCD Sync Up/Down Countr	0.62
♦	570 -	CD74HC190M	BCD Sync Up/Down Countr	0.71
	511 -	M74HC191	4-bit Sync Bin Up/Down	0.85
	570 -	CD74HC191E	4-bit Sync Bin Up/Down	0.61
♦	570 -	CD74HC191M	4-bit Sync Bin Up/Down	0.73
	511 -	M74HC192	Sync Up/Down Dec Countr	0.71
	570 -	CD74HC192E	Sync Up/Down Dec Countr	0.71
	511 -	M74HC193	Sync Up/Down Bin Counter	0.71
	570 -	CD74HC193E	Sync Up/Down Bin Counter	0.61
♦	570 -	CD74HC193M	Sync Up/Down Bin Counter	0.70
	511 -	M74HC194	4-bit PIPO Shift Register	0.67
	570 -	CD74HC194E	4-bit PIPO Shift Register	0.68
	511 -	M74HC195	4-bit PIPO Shift Register	0.67
	570 -	CD74HC195E	4-bit PIPO Shift Register	0.68
	511 -	M74HC221	Dual Monostable Multivibrtr	0.60
	570 -	CD74HC221E	Dual Monostable Multivibrtr	0.77
♦	570 -	CD74HC221M	Dual Monostable Multivibrtr	0.87
	511 -	M74HC237	3 to 8 Line Decoder	0.60
	570 -	CD74HC237E	3 to 8 Line Decoder	0.66
	511 -	M74HC238	3 to 8 Line Decoder	0.58
	570 -	CD74HC238E	3 to 8 Line Decoder	0.77
	511 -	M74HC240	Octal Bus Buffer 3-Stage	0.71
	570 -	CD74HC240E	Octal Bus Buffer 3-Stage	0.71
	511 -	M74HC241	Octal Bus Buffer 3-Stage	0.71
	570 -	CD74HC241E	Octal Bus Buffer 3-Stage	0.71
	570 -	CD74HC242E	Quad Bus Transceiver	0.84
	511 -	M74HC243	Quad Bus Transceiver	0.71
	570 -	CD74HC243E	Quad Bus Transceiver	0.71
	511 -	M74HC244	Octal Bus Buffer 3-Stage	0.71
	570 -	CD74HC244E	Octal Bus Buffer 3-Stage	0.70
♦	570 -	CD74HC244M	Octal Bus Buffer 3-Stage	0.75
	511 -	M74HC245	Octal Bus Transceiver	1.01
	570 -	CD74HC245E	Octal Bus Transceiver	0.71
♦	570 -	CD74HC245M	Octal Bus Transceiver	0.75
	511 -	M74HC251	8-Chan Multiplexer 3-Stage	0.55
	570 -	CD74HC251E	8-Chan Multiplexer 3-Stage	0.55
	511 -	M74HC253	Dual 4-Chan Multiplexer	0.55
	570 -	CD74HC253E	Dual 4-Chan Multiplexer	0.62
	511 -	M74HC257	Quad 2-Chan Multiplexer	0.55
	570 -	CD74HC257E	Quad 2-Chan Multiplexer	0.59
	511 -	M74HC258	Quad 2-Chan Multiplexer	0.64
	570 -	CD74HC258E	Quad 2-Chan Multiplexer	0.77
	511 -	M74HC259	8-bit Addressable Latch	0.64
	570 -	CD74HC259E	8-bit Addressable Latch	0.62
	511 -	M74HC273	Octal D FF with Clear	0.71
	570 -	CD74HC273E	Octal D FF with Clear	0.64
♦	570 -	CD74HC273M	Octal FF with Clear	0.73
	511 -	M74HC279	Quad Set/Res Latch	0.58
	511 -	M74HC280	9-bit Parity Generator	0.60
	570 -	CD74HC280E	9-bit Parity Generator	0.66
	511 -	M74HC283	4-bit Bin Full Adder	0.64
	570 -	CD74HC283E	4-bit Bin Full Adder	0.75
	511 -	M74HC298	Quad 2-Ch Multplx Reg	0.55
	511 -	M74HC299	8-bit FIFO Shift Register	1.10
	570 -	CD74HC299E	8-bit FIFO Shift Register	0.98
	511 -	M74HC323	8-bit PIPO Shift Register	1.15
	511 -	M74HC354	8-Ch Multiplexer/Reg 3-Stg	0.71
	570 -	CD74HC354E	8-Ch Multiplexer/Reg 3-Stg	0.84
	511 -	M74HC356	8-Ch Multiplexer/Reg 3-Stg	0.71
	570 -	CD74HC356E	8-Ch Multiplexer/Reg 3-Stg	0.84
	511 -	M74HC365	Hex Bus Buffer Non-Invertr	0.51
	570 -	CD74HC365E	Hex Bus Buffer Non-Invertr	0.71
	511 -	M74HC366	Hex Bus Buffer Inverter	0.63
	570 -	CD74HC366E	Hex Bus Buffer Inverter	0.73
	511 -	M74HC367	Hex Bus Buffer Non-Invertr	0.51
	570 -	CD74HC367E	Hex Bus Buffer Non-Invertr	0.73
	511 -	M74HC368	Hex Bus Buffer Inverter	0.51
	570 -	CD74HC368E	Hex Bus Buffer Inverter	0.73
	511 -	M74HC373	Octal D-type Latch	0.71
	570 -	CD74HC373E	Octal D-type Latch	0.73
♦	570 -	CD74HC373M	Octal D-type Latch	0.64
	511 -	M74HC374	Octal D-type F/F	0.71
	570 -	CD74HC374E	Octal D-type F/F	0.61
♦	570 -	CD74HC374M	Octal D-type F/F	0.80
	511 -	M74HC375	Quad D-type Latch	0.55
	511 -	M74HC377	Octal D-type F/F	0.67
	570 -	CD74HC377E	Octal D-type F/F	0.79
	511 -	M74HC386	Quad Exclusive OR Gate	0.46
	511 -	M74HC390	Dual Decade Counter	0.67
	570 -	CD74HC390E	Dual Decade Counter	0.68
	511 -	M74HC393	Dual Binary Counter	0.67
	570 -	CD74HC393E	Dual Binary Counter	0.62
♦	570 -	CD74HC393M	Dual Binary Counter	0.73
	511 -	M74HC423	Dual Monostable with Clear	0.53
	570 -	CD74HC423E	Dual Monostable with Clear	0.62
	511 -	M74HC533	Octal D-type Latch	0.71
	570 -	CD74HC533E	Octal D-type Latch	0.93
	511 -	M74HC534	Octal D-type F/F Inverter	0.71
	570 -	CD74HC534E	Octal D-type F/F Inverter	0.89
	511 -	M74HC540	Octal Bus Buffer Inverter	0.81
	570 -	CD74HC540E	Octal Bus Buffer Inverter	0.79
	511 -	M74HC541	Octal Bus Buffer	0.81
	570 -	CD74HC541E	Octal Bus Buffer	0.82
♦	570 -	CD74HC541M	Octal Bus Buffer	0.84
	511 -	M74HC563	Octal D-type Latch	0.81
	570 -	CD74HC563E	Octal D-type Latch	0.80
	511 -	M74HC564	Octal D-type F/F Inverter	0.81
	570 -	CD74HC564E	Octal D-type F/F Inverter	0.95
	511 -	M74HC573	Octal D-type Latch	0.81
	570 -	CD74HC573E	Octal D-type Latch	0.77
♦	570 -	CD74HC573M	Octal D-type Latch	0.93
	511 -	M74HC574	Octal D-type F/F	0.81
	570 -	CD74HC574E	Octal D-type F/F	0.84
	570 -	CD74HC583E	4-bit BCD Full Adder	0.79
	511 -	M74HC590	8-bit Bin Counter Reg	0.99
	511 -	M74HC595	8-bit Shift Reg Latch	0.94
	511 -	M74HC597	8-bit Shift Reg Latch	0.94
	570 -	CD74HC597E	8-bit Shift Reg Latch	0.70
	511 -	M74HC620	Octal Bus Transceiver	0.97
	511 -	M74HC623	Octal Bus Transceiver	0.97
	511 -	M74HC640	Octal Bus Transceiver	1.01
	570 -	CD74HC640E	Octal Bus Transceiver	1.11
	511 -	M74HC643	Octal Bus Transceiver	1.01
	570 -	CD74HC643E	Octal Bus Transceiver	1.23
	570 -	CD74HC646E	Octal Bus Transceiver Reg	3.54
	511 -	M74HC670	4 Word x 4 Bit Reg File	0.97
	570 -	CD74HC670E	4 Word x 4 Bit Reg File	0.93
	511 -	M74HC688	8-bit Equality Comparator	0.94
	570 -	CD74HC688E	8-bit Equality Comparator	0.82
♦	570 -	CD74HC688M	8-bit Equality Comparator	0.98
	511 -	M74HC690	Decade Counter	1.29
	511 -	M74HC692	Decade Counter 3-Stage	1.29
	511 -	M74HC693	4-bit Binary Cntr 3-Stage	1.29
	511 -	M74HC696	Up/Down Decad Cntr Reg	1.29
	511 -	M74HC697	Up/Down 4-bit Bin Cntr Reg	1.29
	511 -	M74HC698	Up/Down Dec Countr 3-St	1.29
	511 -	M74HC699	4-bit Binary Counter 3-St	1.29
	511 -	M74HC4002	Dual 4-input NOR Gate	0.41
	570 -	CD74HC4002E	Dual 4-input NOR Gate	0.37
	570 -	CD74HC4015E	Dual 4-bit SIPO Shift	0.80
	570 -	CD74HC4016E	Quad Bilateral Switch	0.64
	511 -	M74HC4017	Decade Counter/Divide	0.69
	570 -	CD74HC4017E	Decade Counter/Divide	0.71
	511 -	M74HC4020	14-Stage Binary Counter	0.81

Manufacturer	Prefix
Harris Semiconductor	570
NTE	526

TTL and CMOS IC's

74HC / 74HCT / 74LS Series

Manufacturer	Prefix
SGS Thomson	511

♦ Surface Mount Device

For quantities greater than listed call for quote

MOUSER NO. Mfr.	MOUSER NO. Industry No.	Description	Price Each 1-99
74HC Series (cont.)			
570 -	CD74HC4020E	14-Stage Binary Counter	0.66
511 -	M74HC4024	7-Stage Binary Counter	0.60
570 -	CD74HC4024E	7-Stage Binary Counter	0.55
511 -	M74HC4028	BCD-to-Decimal Dec	0.60
511 -	M74HC4040	12-Stage Binary Counter	0.75
570 -	CD74HC4040E	12-Stage Binary Counter	0.62
♦570 -	CD74HC4040M	12-Stage Binary Counter	0.71
570 -	CD74HC4046AE	Phased-lock Loop w/VCO	1.73
511 -	M74HC4049	Hex Buffer Inverter	0.51
570 -	CD74HC4049E	Hex Buffer Inverter	0.68
511 -	M74HC4050	Hex Buffer Non-Inverter	0.51
570 -	CD74HC4050E	Hex Buffer Non-Inverter	0.61
570 -	CD74HC4051E	Ana Multiplex/Demultiplex	0.75
♦570 -	CD74HC4051M	Ana Multiplex/Demultiplex	0.82
570 -	CD74HC4052E	Dual 4-Channel Ana Mult	0.77
570 -	CD74HC4053E	Triple 2-Ch Ana Mult/Deml	0.75
570 -	CD74HC4059E	Prog divide by "N" Counter	2.09
511 -	M74HC4060	14-Stage Bin Counter/Osc	0.74
570 -	CD74HC4060E	14-Stage Bin Counter/Osc	0.75
511 -	M74HC4066	Quad Bilateral Switch	0.51
570 -	CD74HC4066E	Quad Bilateral Switch	0.61
570 -	CD74HC4067E	16-Ch Ana Multiplexer	2.30
511 -	M74HC4072	Dual 4-input OR Gate	0.41
511 -	M74HC4075	Triple 3-input OR Gate	0.41
570 -	CD74HC4075E	Triple 3-input OR Gate	0.46
511 -	M74HC4078	8-input NOR Gate	0.41
511 -	M74HC4094	8-bit SIPO Shift 3-Stage	0.81
570 -	CD74HC4094E	8-bit SIPO Shift 3-Stage	0.70
570 -	CD74HC4316E	Quad Analog Switch	0.71
570 -	CD74HC4351E	Single 8-Ch Ana Mult/Demul	0.91
570 -	CD74HC4352E	Dual 4-Ch Ana Multiplexer	0.93
570 -	CD74HC4353E	16-Ch Ana Multi/Demultiplx	0.80
570 -	CD74HC4510E	4bit Dec Up/Down Counter	0.96
511 -	M74HC4511	BCD-to-7 SEG Latch/Dec	0.74
570 -	CD74HC4511E	BCD-to-7 SEG Latch/Dec	0.71
570 -	CD74HC4514E	4 to 16 Line Decodr/Demul	1.98
570 -	CD74HC4515E	4 to 16 Line Decoder w/In	1.96
♦570 -	CD74HC4515M	4 to 16 Line Decoder w/In	3.52
570 -	CD74HC4516E	4-bit Bin Up/Down Counter	0.77
511 -	M74HC4518	Dual Sync BCD Counter	0.71
570 -	CD74HC4518E	Dual Sync BCD Counter	0.77
511 -	M74HC4520	Dual 4-bit Bin Counter	0.71
570 -	CD74HC4520E	Dual 4-bit Bin Counter	0.73
511 -	M74HC4538	Dual Monostable Multi	0.74
570 -	CD74HC4538E	Dual Monostable Multi	0.82
511 -	M74HC4543	BCD to 7-SEG Latch Dr	0.81
570 -	CD74HC4543E	BCD to 7-SEG Latch Dr	1.05
511 -	M74HC7266	Quad 2-in Exclusive NOR	0.51
570 -	CD74HC7266E	Quad 2-in Exclusive NOR	0.62
511 -	M74HC7292	Programmable Div/Timer	1.06
511 -	M74HC40103	8-bit Bin Down Counter	1.01
570 -	CD74HC40103E	8-bit Bin Down Counter	0.87
570 -	CD74HC40104E	4-bit Bidir Uni Shift	1.27
570 -	CD74HC40105E	4-bit x 16 FIFO Register	1.05
511 -	M74HCU04	Hex Inverter Single Stage	0.41
570 -	CD74HCU04E	Hex Inverter Single Stage	0.37
570 -	CD74HC22106E	8x8x1 Crosspoint Switch	5.93
74HCT Series High Speed CMOS			
570 -	CD74HCT00E	Quad 2-input NAND Gate	0.37
♦570 -	CD74HCT00M	Quad 2-input NAND Gate	0.38
570 -	CD74HCT02E	Quad 2-input NOR Gate	0.37
♦570 -	CD74HCT02M	Quad 2-input NOR Gate	0.38
570 -	CD74HCT03E	Quad 2-input NAND Gate	0.37
570 -	CD74HCT04E	Hex Inverter/Buffer	0.37
♦570 -	CD74HCT04M	Hex Inverter/Buffer	0.38
570 -	CD74HCT08E	Quad 2-input AND Gate	0.37
♦570 -	CD74HCT08M	Quad 2-input AND Gate	0.38
570 -	CD74HCT10E	Triple 3-input NAND Gate	0.37
570 -	CD74HCT11E	Triple 3-input AND Gate	0.37
570 -	CD74HCT14E	Hex Schmitt Inverter	0.40
♦570 -	CD74HCT14M	Hex Schmitt Inverter	0.40
570 -	CD74HCT20E	Dual 4-input NAND Gate	0.38
570 -	CD74HCT21E	Dual 4-input AND Gate	0.40
511 -	M74HCT27	Triple 3-input NOR Gate	0.41
570 -	CD74HCT30E	8-input NAND Gate	0.37
570 -	CD74HCT32E	Quad 2-input OR Gate	0.37
570 -	CD74HCT42E	1-of-10 BCD to dec decodr	0.62
570 -	CD74HCT73E	Dual JK F/F with reset	0.40
570 -	CD74HCT74E	Dual D-type F/F	0.40
♦570 -	CD74HCT74M	Dual D-type F/F	0.46
570 -	CD74HCT75E	Dual 2-input Latch	0.42
570 -	CD74HCT85E	4-bit Magnitude Comparatr	0.68
570 -	CD74HCT86E	Quad Exclusive OR Gate	0.42
♦570 -	CD74HCT86M	Quad Exclusive OR Gate	0.47
570 -	CD74HCT93E	4-bit Binary Counter	0.62
570 -	CD74HCT107E	Dual JK F/F with Reset	0.57

For quantities greater than listed call for quote

MOUSER NO. Mfr.	MOUSER NO. Industry No.	Description	Price Each 1-99
74HCT Series High Speed CMOS (cont.)			
570 -	CD74HCT109E	Dual JK F/F with Set/Reset	0.47
570 -	CD74HCT112E	Dual JK F/F with Set/Reset	0.47
570 -	CD74HCT123E	Dual Retrig Monostb Multvi	0.64
570 -	CD74HCT125E	Quad 3-State Buffer	0.55
570 -	CD74HCT132E	Quad 2-input NAND Sch Tr	0.55
570 -	CD74HCT137E	3-to-8 Ln Decodr/Multiplxr	0.68
570 -	CD74HCT138E	3 to 8 Line Decoder	0.47
570 -	CD74HCT139E	Dual 2-to-4 Line Decoder	0.57
570 -	CD74HCT147E	10-to-4 Ln Priority Encoder	0.66
570 -	CD74HCT151E	8-input Multiplexer	0.55
570 -	CD74HCT153E	Dual 4-input Multiplexer	0.55
570 -	CD74HCT154E	4 to 16 Line Decod/Multp	1.61
570 -	CD74HCT157E	Quad 2-input Multiplexer	0.53
570 -	CD74HCT158E	Quad 2-to-1 Line Multiplexr	0.57
570 -	CD74HCT160E	4-bit Async Decade Countr	0.70
570 -	CD74HCT161E	4-bit Async Binary Counter	0.59
570 -	CD74HCT162E	4-bit Sync Decade Counter	1.00
570 -	CD74HCT163E	4-bit Sync Bin Counter	0.59
570 -	CD74HCT164E	8-bit SIPO Shift Register	0.57
570 -	CD74HCT165E	8-bit PISO Shift Reg	0.57
570 -	CD74HCT166E	8-bit PISO Shift Reg	0.68
570 -	CD74HCT173E	Quad D-type F/F Set&Reset	0.66
570 -	CD74HCT174E	Hex "D" F/F with Clear	0.55
570 -	CD74HCT175E	Quad D-type F/F with Clr	0.53
♦570 -	CD74HCT175M	Quad D-type F/F with Clr	0.59
570 -	CD74HCT181E	4-bit Arithmetic Logic Unit	1.84
570 -	CD74HCT182E	Lock-ahead Carry Generatr	0.91
570 -	CD74HCT190E	BCD Sync Up/Down Countr	0.71
570 -	CD74HCT191E	4-bit Sync Bin Up/Down	0.80
♦570 -	CD74HCT191M	4-bit Sync Bin Up/Down	0.71
570 -	CD74HCT192E	Sync Decade Up/Down Cntr	0.71
570 -	CD74HCT193E	Sync Up/Down Bin Counter	0.62
570 -	CD74HCT194E	4-bit PIPO Shift Register	0.71
570 -	CD74HCT195E	4-bit PIPO Shift Register	0.79
570 -	CD74HCT221E	Dual Monostable Multiplexr	0.77
570 -	CD74HCT238E	3-to-8 Line Decodr/Demulti	0.80
570 -	CD74HCT240E	Octal Bus Buffer 3-state	0.71
570 -	CD74HCT241E	Octal Bus Buffer 3-state	0.77
570 -	CD74HCT242E	Quad Bus Transceiver	0.77
570 -	CD74HCT243E	Quad Bus Transceiver	0.79
570 -	CD74HCT244E	Octal Bus Buffer 3-Stage	0.70
♦570 -	CD74HCT244M	Octal Bus Buffer 3-Stage	0.75
570 -	CD74HCT245E	Octal Bus Transceiver	0.73
570 -	CD74HCT251E	8-Channel Multiplexer	0.59
570 -	CD74HCT253E	Dual 4-Channel Multiplexer	0.62
570 -	CD74HCT257E	Quad 2-Chan Multiplexer	0.55
♦570 -	CD74HCT257M	Quad 2-Chan Multiplexer	0.66
570 -	CD74HCT258E	Quad 2-Chan Multiplexer	0.73
570 -	CD74HCT259E	8-bit Addressable Latch	0.62
570 -	CD74HCT273E	Octal D F/F with Clear	0.66
570 -	CD74HCT280E	9-bit Odd/Even Parity Gen	0.68
570 -	CD74HCT283E	4-bit Binary Full Adder	0.71
570 -	CD74HCT299E	8-bit FIFO Shift Reg	1.00
570 -	CD74HCT356E	8-Ch Multiplexer/Register	0.84
570 -	CD74HCT365E	Hex Bus Buffer, Non-Inv	0.75
570 -	CD74HCT366E	Hex Bus Buffer, Inverting	0.71
570 -	CD74HCT367E	Hex Bus Buffer, Non-Inv	0.68
570 -	CD74HCT368E	Hex Bus Buffer, Inverting	0.71
570 -	CD74HCT373E	Octal D-type Latch	0.70
570 -	CD74HCT374E	Octal D-type F/F	0.80
♦570 -	CD74HCT374M	Octal D-type F/F	0.71
570 -	CD74HCT377E	Octal D-type F/F	0.79
570 -	CD74HCT390E	Dual Decade Counter	0.79
570 -	CD74HCT393E	Dual Binary Counter	0.62
570 -	CD74HCT423E	Dual Monostable Multivibrat	0.70
570 -	CD74HCT533E	Octal D-type Latch	1.16
570 -	CD74HCT534E	Octal D-type F/F, Inverting	0.87
570 -	CD74HCT540E	Octal Bus Buffer, Inverting	0.77
511 -	M74HCT541	Octal Bus Buffer	0.81
570 -	CD74HCT541E	Octal Bus Buffer	0.77
570 -	CD74HCT563E	Octal D-type Latch	0.80
570 -	CD74HCT564E	Octal D-type F/F, Inverting	0.95
511 -	M74HCT573	Octal D-type Latch	0.81
570 -	CD74HCT573E	Octal D-type Latch	0.79
♦570 -	CD74HCT573M	Octal D-type Latch	0.79
570 -	CD74HCT574E	Octal D-type F/F	0.77
♦570 -	CD74HCT574M	Octal D-type F/F	0.98
570 -	CD74HCT583E	4-bit BCD Full Adder	0.77
570 -	CD74HCT597E	8-bit Latch/Shift Reg	0.84
570 -	CD74HCT640E	Octal Bus Transceiver	1.00
570 -	CD74HCT643E	Octal Bus Transceiver	1.11
570 -	CD74HCT646E	Octal Bus Transceiver	3.66
570 -	CD74HCT648E	Octal Bus Transceiver	4.09
570 -	CD74HCT670E	4 Word x 4-bit Register	0.87
570 -	CD74HCT688E	8-bit Equality Comp	0.91
570 -	CD74HCT4002E	Dual 4-Input NOR Gate	0.31
570 -	CD74HCT4015E	Dual 4-bit SIPO Shift	0.89
570 -	CD74HCT4016E	Quad Bilateral Switch	0.59

For quantities greater than listed call for quote

MOUSER NO. Mfr.	MOUSER NO. Industry No.	Description	Price Each 1-99
74HCT Series High Speed CMOS (cont.)			
570 -	CD74HCT4017E	Decade Counter/Divider	0.73
570 -	CD74HCT4020E	14-Stage Binary counter	0.37
570 -	CD74HCT4040E	12-Stage Binary Counter	0.68
570 -	CD74HCT4051E	Ana Multiplex/Demultiplex	0.75
570 -	CD74HCT4052E	Dual 4-Ch Ana Multiplexer	0.79
570 -	CD74HCT4053E	Analog Multiplexer	0.75
570 -	CD74HCT4059E	Prog Divide by "N" Counter	2.73
570 -	CD74HCT4060E	14-Stage Binary Countr/Osc	0.80
570 -	CD74HCT4066E	Quad Bilateral Switch	0.61
570 -	CD74HCT4075E	Triple 3-input OR Gate	0.46
570 -	CD74HCT4094E	8-Stage Shift/Store Reg	0.79
570 -	CD74HCT4316E	Quad Analog Switch	0.77
570 -	CD74HCT4351E	Analog Multiplexer	1.36
570 -	CD74HCT4352E	Dual 4-Ch Ana Multiplexer	0.93
570 -	CD74HCT4353E	Analog Multiplexer	0.80
570 -	CD74HCT4510E	4-bit BCD Up/Down Countr	0.96
570 -	CD74HCT4511E	BCD-to-7 Seg Latch Detect	0.70
570 -	CD74HCT4514E	4-bit Latch/4-16 Ln Decoder	2.55
570 -	CD74HCT4515E	4 to 16 Line Decodr with/In	2.00
570 -	CD74HCT4516E	Preset 4-bit Up/Down Cntr	1.02
570 -	CD74HCT4518E	Dual BCD Up Counter	0.87
570 -	CD74HCT4520E	Dual Binary Up Counter	0.79
570 -	CD74HCT4538E	Dual Monostable Multivibrat	0.84
570 -	CD74HCT4543E	Crystal Display Driver	0.84
570 -	CD74HCT40102E	8-bit Sync BCD Down Cntr	0.91
570 -	CD74HCT40103E	Preset 8-bit Binary Dn Cntr	1.00
570 -	CD74HCT40104E	4-bit Bi-Direct Shift Reg	0.98
570 -	CD74HCT40105E	4-bit x 16 FIFO Buff Reg	1.04
570 -	CD74HCT22106E	8x8x1 Crosspoint Switch	5.93
74LS Series Low Power Schottky			
511 -	74LS00	Quad 2-input NAND Gate	0.41
♦511 -	74LS00M	Quad 2-input NAND Gate	0.41
511 -	74LS01	Quad 2-input NAND Gate	0.41
511 -	74LS02	Quad 2-input NOR Gate	0.41
♦511 -	74LS02M	Quad 2-input NOR Gate	0.41
511 -	74LS03A	Quad 2-input NAND Gate	0.41
511 -	74LS04	Hex Inverter/Buffer	0.41
♦511 -	74LS04M	Hex Inverter/Buffer	0.41
511 -	74LS05	Hex Inverter	0.41
♦511 -	74LS05M	Hex Inverter	0.41
511 -	74LS08	Quad 2-input AND Gate	0.41
♦511 -	74LS08M	Quad 2-input AND Gate	0.41
511 -	74LS09	Quad 2-input AND Gate	0.41
511 -	74LS10	Triple 3-input NAND Gate	0.41
♦511 -	74LS10M	Triple 3-input NAND Gate	0.41
511 -	74LS11	Triple 3-input AND Gate	0.41
♦511 -	74LS11M	Triple 3-input AND Gate	0.41
511 -	74LS12	Triple 3-input NAND Gate	0.41
511 -	74LS13	Dual 4-input Schmitt Trig	0.41
511 -	74LS14	Hex Schmitt Trigger	0.46
♦511 -	74LS14M	Hex Schmitt Trigger	0.46
511 -	74LS15	Triple 3-input AND Gate	0.41
511 -	74LS20	Dual 4-input NAND Gate	0.41
♦511 -	74LS20M	Dual 4-input NAND Gate	0.41
511 -	74LS21	Dual 4-input AND Gate	0.41
511 -	74LS22	Dual 4-input NAND Gate	0.41
511 -	74LS27	Triple 3-input NOR Gate	0.41
511 -	74LS28	Quad 2-input NOR Buffer	0.41
511 -	74LS30	8-input NAND Gate	0.41
♦511 -	74LS30M	8-input NAND Gate	0.41
511 -	74LS32	Quad 2-input OR Gate	0.41
♦511 -	74LS32M	Quad 2-input OR Gate	0.41
511 -	74LS33	Quad 2-input NOR Gate	0.41
511 -	74LS37	Quad 2-input NAND Buffer	0.41
511 -	74LS38	Quad 2-input NAND Buffer	0.41
511 -	74LS40	Dual 4-input NAND Buffer	0.41
511 -	74LS42	BCD to Dec Decoder	0.51
511 -	74LS51	Dual AND/OR Invert Gate	0.41
511 -	74LS54	2-3-3-2 AND/OR Invrt Gate	0.41
511 -	74LS55	2 Wide 4-input AND/OR	0.41
511 -	74LS74A	Dual D-type F/F	0.46
♦511 -	74LS74AM	Dual D-type F/F	0.46
526 -	NTE74LS76A	Dual J-K Flip-Flop	0.99
511 -	74LS83A	4-bit Bin Full Adder	0.55
511 -	74LS86	Quad Exclusive OR Gate	0.46
511 -	74LS93	4-bit Binary Counter	0.55
511 -	74LS125A	Quad Bus Buffer 3-State	0.46
511 -	74LS132	Quad 2-input Schmt NAND	0.46
♦511 -	74LS132M	Quad 2-input Schmt NAND	0.46
511 -	74LS133	13-input NAND Gate	0.41
511 -	74LS136	Quad Exclusive OR Gate	0.41
511 -	74LS138	3 to 8 Line Decoder	0.51
♦511 -	74LS138M	3 to 8 Line Decoder	0.51
511 -	74LS139	Dual 2 to 4 Line Decoder	0.51
♦511 -	74LS139M	Dual 2 to 4 Line Decoder	0.51
511 -	74LS151	8 to 1 Line Multiplexer	0.55
511 -	74LS152	8 to 1 Line Multiplexer	0.53

Manufacturer	Prefix
Harris Semiconductor	570
NTE	526

CMOS IC's

74LS / 74S / 4000 Series

Manufacturer	Prefix
SGS Thomson	511

◆ Surface Mount Device

For quantities greater than listed call for quote

74LS Series (cont.)

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
511 -	74LS153	Dual 4 to 1 Line Multiplexer	0.53
511 -	74LS155	Dual 1 to 4 Line Decoder	0.53
511 -	74LS156	Dual 1 to 4 Line Decoder	0.53
511 -	74LS157	Quad 2 to 1 Line Multiplex	0.53
511 -	74LS158	Quad 2 to 1 Line Multiplex	0.53
511 -	74LS164	8-bit SIPO Shift Register	0.55
◆ 511 -	74LS164M	8-bit SIPO Shift Register	0.55
511 -	74LS166	8-bit PISO Shift Register	0.55
◆ 511 -	74LS166M	8-bit PISO Shift Register	0.55
511 -	74LS168	Up/Down Decade Counter	0.60
511 -	74LS169	Sync Mod 16 Bin Counter	0.60
◆ 511 -	74LS169M	Sync Mod 16 Bin Counter	0.62
511 -	74LS174	Hex D F/F with Clear	0.53
511 -	74LS175	Quad D-type F/F with Clear	0.55
◆ 511 -	74LS175M	Quad D-type F/F with Clear	0.55
511 -	74LS181	4 Bit Arith Logic	1.52
511 -	74LS190	BCD Sync Up/Down Countr	0.60
511 -	74LS191	4-bit Sync Bin Up/Down	0.60
526 -	NTE74LS192	Sync Up/Down Dec Countr	2.63
511 -	74LS193	Sync Up/Down Dec Countr	0.60
511 -	74LS194A	4-bit PIPO Shift Register	0.55
511 -	74LS195A	4-bit PIPO Shift Register	0.55
511 -	74LS196	4-bit Binary Counter	0.55
511 -	74LS197	4-bit Binary Counter	0.55
511 -	74LS240	Octal Bus Buffer 3-Stage	0.69
◆ 511 -	74LS240M	Octal Bus Buffer 3-Stage	0.69
511 -	74LS241	Octal Bus Buffer 3-Stage	0.69
511 -	74LS244	Octal Bus Buffer 3-Stage	0.69
◆ 511 -	74LS244M	Octal Bus Buffer 3-Stage	0.69
511 -	74LS245	Octal Bus Transceiver	0.81
◆ 511 -	74LS245M	Octal Bus Transceiver	0.81
511 -	74LS251	8-Chan Multiplexer 3-Stage	0.53
511 -	74LS253	Dual 4-Chan Multiplexer	0.53
511 -	74LS256	Dual 4-bit Addrs Latch	0.55
511 -	74LS257	Quad 2-Chan Multiplexer	0.55
511 -	74LS259	8-bit Addressable Latch	0.55
511 -	74LS260	Dual 5-input NOR Gate	0.41
511 -	74LS266	Quad Exclusive NOR	0.46
511 -	74LS273	Octal D F/F with Clear	0.69
◆ 511 -	74LS273M	Octal D F/F with Clear	0.69
511 -	74LS279	Quad Set/Reset Latch	0.55
511 -	74LS280	9-bit Parity Generator	0.55
511 -	74LS283	4-bit Bin Full Adder	0.55
511 -	74LS293	4-bit Binary Counter	0.55
511 -	74LS295A	4-bit Univ Shift Reg	0.55
511 -	74LS298	Quad 2-Chan Multi Reg	0.55
511 -	74LS352	Dual 4 to 1 Line Multiplex	0.55
511 -	74LS353	Dual 4 to 1 Line Multiplex	0.55
511 -	74LS365A	Hex Bus Buffer Non-Invertr	0.46
511 -	74LS366A	Hex Bus Buffer Inverter	0.46
511 -	74LS367A	Hex Bus Buffer Non-Invertr	0.46
◆ 511 -	74LS367AM	Hex Bus Buffer Non-Invertr	0.46
511 -	74LS368A	Hex Bus Buffer Inverter	0.46
511 -	74LS373	Octal D-type Latch	0.69
◆ 511 -	74LS373M	Octal D-type Latch	0.69
511 -	74LS374	Octal D-type F/F	0.69
◆ 511 -	74LS374M	Octal D-type F/F	0.69
511 -	74LS377	Octal D-type F/F	0.74
◆ 511 -	74LS377M	Octal D-type F/F	0.74
511 -	74LS378	Hex D-type F/F	0.55
511 -	74LS379	Quad Set/Reset Latch	0.55
511 -	74LS390	Dual Decade Counter	0.55
511 -	74LS393	Dual Binary Counter	0.53
511 -	74LS395	4-bit Shift Reg 3-Stage	0.55
511 -	74LS399	Quad 2-input Multiplexer	0.58
511 -	74LS490	Dual BCD Dec Counter	0.58
511 -	74LS670	4 Word x 4 Bit Rg File	0.60

74S Series Schottky TTL

Mfr.	Industry No.	Description	Price Each 1-99
526 -	NTE74S00	Quad 2-input NAND Gate	0.68
526 -	NTE74S02	Quad 2-input NOR Gate	0.68
526 -	NTE74S03	Quad 2-input NAND Gate	0.68
526 -	NTE74S04	Hex Inverter/Buffer	0.85
526 -	NTE74S05	Hex Inverter	0.85
526 -	NTE74S08	Quad 2-input AND Gate	0.81
526 -	NTE74S09	Quad 2-input AND Gate	0.81
526 -	NTE74S10	Triple 3-input NAND Gate	0.71
526 -	NTE74S11	Triple 3-input AND Gate	0.71
526 -	NTE74S15	Triple 3-input AND Gate	0.71
526 -	NTE74S20	Dual 4-input NAND Gate	0.71
526 -	NTE74S22	Dual 4-input NAND Gate	0.71
526 -	NTE74S30	8-input NAND Gate	1.02
526 -	NTE74S40	Dual 4-input NAND Buffer	1.02
526 -	NTE74S51	Dual AND/OR Invert Gate	1.02
526 -	NTE74S64	4-2-3-2 AND/OR Inverter	1.02
526 -	NTE74S65	4-2-3-2 AND/OR Inverter	0.51
526 -	NTE74S74	Dual D-type FF	1.33
526 -	NTE74S86	Quad Exclusive OR Gate	0.99

For quantities greater than listed call for quote

74S Series Schottky TTL (cont.)

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
526 -	NTE74S112	Dual J-K FF w/ Ps & Clr	0.87
526 -	NTE74S113	Dual J-K Flip-Flop	1.19
526 -	NTE74S114	Dual J-K Flip-Flop	1.02
526 -	NTE74S133	13-input NAND Gate	0.66
526 -	NTE74S134	12-input NAND Gate	0.99
526 -	NTE74S138	3 to 8 Line Decoder	2.31
526 -	NTE74S140	Dual 4-input NAND Gate	0.95
526 -	NTE74S151	8 to 1 Line Multiplexr	2.48
526 -	NTE74S153	Dual 4 to 1 Line Multiplex	2.13
526 -	NTE74S157	Quad 2 to 1 Line Multiplex	2.33
526 -	NTE74S158	Quad 2 to 1 Line Multiplex	2.21
526 -	NTE74S175	Quad D-type FF with Clear	2.75
526 -	NTE74S181	4-bit Arith Logic	7.74
526 -	NTE74S188	256-bit Prom	2.99
526 -	NTE74S194	4-bit PIPO Shift Register	3.49
526 -	NTE74S251	8-Channel Multplxr 3-St	1.60
526 -	NTE74S257	Quad 2-Channel Multplxr	2.13
526 -	NTE74S258	Quad 2-Channel Multplxr	2.21
526 -	NTE74S260	Dual 5-input NOR Gate	1.77
526 -	NTE74S288	256-bit Prom 3-State	3.15
526 -	NTE74S374	Octal D-type F/F	2.79
526 -	NTE74S472	4096-bit Prom 3-St	8.80
526 -	NTE74S573	4096-bit Prom 3-St	6.02

4000 Series CMOS

Mfr.	Industry No.	Description	Price Each 1-99
511 -	4000	Dual 3-input NOR & Inv	0.41
570 -	CD4001BE	Quad 2-input NOR Gate	0.37
511 -	4001	Quad 2-input NOR Gate	0.41
◆ 511 -	4001BM	Quad 2-input NOR Gate	0.41
570 -	CD4001BF	Quad 2-input NOR Gate	1.23
570 -	CD4001UBE	Quad 2-input NOR Gate	0.38
570 -	CD4002BE	Dual 4-input NOR Gate	0.38
511 -	4002	Dual 4-input NOR Gate	0.41
◆ 511 -	4002BM	Dual 4-input NOR Gate	0.41
570 -	CD4006BE	18-bit State Shift Register	0.86
511 -	4006	18-bit State Shift Register	0.64
511 -	4007	Dual Comp Inverter	0.41
◆ 511 -	4007BM	Dual Comp Inverter	0.41
570 -	CD4007UBD	Dual Comp Inverter	6.63
570 -	CD4007UBE	Dual Comp Inverter	0.38
570 -	CD4007UBF	Dual Comp Inverter	1.20
570 -	CD4008BE	4-bit Full Adder	0.87
511 -	4008	4-bit Full Adder	0.74
511 -	4009	Hex Buffer/Converter	0.46
570 -	CD4009UBE	Hex Buffer/Converter	0.71
570 -	CD4009UBF	Hex Buffer/Converter	2.59
570 -	CD4010BE	Hex Buffer/Converter	0.64
511 -	4010	Hex Buffer/Converter	0.48
570 -	CD4011BE	Quad 2-input NAND Gate	0.38
511 -	4011	Quad 2-input NAND Gate	0.41
570 -	CD4011BF	Quad 2-input NAND Gate	1.14
570 -	CD4011UBE	Quad 2-input NAND Gate	0.38
570 -	CD4012BE	Dual 4-input NAND Gate	0.37
511 -	4012	Dual 4-input NAND Gate	0.41
570 -	CD4013BD	Dual D Flip-Flop	8.87
511 -	4013	Dual D Flip-Flop	0.46
◆ 511 -	4013BM	Dual D Flip-Flop	0.46
570 -	CD4013BF	Dual D Flip-Flop	1.39
570 -	CD4014BE	8 Stage Sync Reg	0.95
511 -	4014	8 Stage Sync Reg	0.76
570 -	CD4015BE	Dual 4-Stage Shift Register	0.84
511 -	4015	Dual 4-Stage Shift Register	0.76
◆ 511 -	4015BM	Dual 4-Stage Shift Register	0.76
570 -	CD4016BD	Quad Bilateral Switch	9.58
570 -	CD4016BE	Quad Bilateral Switch	0.46
511 -	4016	Quad Bilateral Switch	0.48
◆ 511 -	4016BM	Quad Bilateral Switch	0.48
570 -	CD4017AD	Decade Counter	13.65
570 -	CD4017BE	Decade Counter	0.84
511 -	4017	Decade Counter	0.69
◆ 511 -	4017BM	Decade Counter	0.69
570 -	CD4017BF	Decade Counter	2.98
570 -	CD4018BE	Presettable Counter	0.95
511 -	4018	Presettable Counter	0.71
570 -	CD4019AF	Quad AND/OR Select	2.69
570 -	CD4019BE	Quad AND/OR Select	0.38
511 -	4019	Quad AND/OR Select	0.46
570 -	CD4020AD	14-Stage Binary Counter	19.17
570 -	CD4020BE	14-Stage Binary Counter	0.82
511 -	4020	14-Stage Binary Counter	0.71
570 -	CD4021BE	8-Stage Async Par/In	0.82
511 -	4021	8-Stage Async Par/In	0.76
570 -	CD4022BE	Octal Counter/Divider	0.82
511 -	4022	Octal Counter/Divider	0.76
570 -	CD4023BE	Triple 3-input NAND Gate	0.38
511 -	4023	Triple 3-input NAND Gate	0.41
◆ 511 -	4023BM	Triple 3-input NAND Gate	0.41
570 -	CD4024AD	7-Stage Binary Counter	9.57

For quantities greater than listed call for quote

4000 Series (cont.)

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
570 -	CD4024BE	7-Stage Binary Counter	0.61
511 -	4024	7-Stage Binary Counter	0.55
◆ 511 -	4024BM	7-Stage Binary Counter	0.55
570 -	CD4024BF	7-Stage Binary Counter	2.14
570 -	CD4025BE	Triple 3-input NOR Gate	0.38
511 -	4025	Triple 3-input NOR Gate	0.32
570 -	CD4025BF	Triple 3-input NOR Gate	1.25
570 -	CD4026BE	Dec Counter/Div Display	0.87
511 -	4026	Dec Counter/Div Display	0.92
570 -	CD4027BE	Dual J-K with Set/Reset	0.47
511 -	4027	Dual J-K with Set/Reset	0.51
◆ 511 -	4027BM	Dual J-K with Set/Reset	0.51
570 -	CD4027BF	Dual J-K with Set/Reset	1.73
570 -	CD4028BE	BCD to Decimal Decoder	0.82
511 -	4028	BCD to Decimal Decoder	0.60
◆ 511 -	4028BM	BCD to Decimal Decoder	0.60
570 -	CD4028BF	BCD to Decimal Decoder	2.36
570 -	CD4029BE	Preset Up/Down Counter	0.84
511 -	4029	Preset Up/Down Counter	0.71
◆ 511 -	4029BM	Preset Up/Down Counter	0.71
570 -	CD4030BE	Quad Exclusive OR Gate	0.51
511 -	4030	Quad Exclusive OR Gate	0.46
◆ 511 -	4030BM	Quad Exclusive OR Gate	0.46
570 -	CD4031BE	64-Stg State Shift Reg	1.52
511 -	4031	64-Stg State Shift Reg	1.24
511 -	4032	Pos Triple Ser Adder	0.76
570 -	CD4033BE	Decade Cntr/divide	1.23
511 -	4033	Decade Cntr/divide	0.87
570 -	CD4034BE	8 Stage Bi-direct Reg	3.96
511 -	4034	8 Stage Bi-direct Reg	3.13
570 -	CD4035BE	4 Stage Parallel Reg	0.89
511 -	4035	4 Stage Parallel Reg	0.67
570 -	CD4038BE	Neg Triple Ser Adder	1.21
511 -	4038	Neg Triple Ser Adder	0.69
570 -	CD4040BE	12-Stage Binary Counter	0.82
511 -	4040	12-Stage Binary Counter	0.71
◆ 511 -	4040BM	12-Stage Binary Counter	0.71
511 -	4041	Quad True/Comparator	0.60
570 -	CD4041UBD	Quad True/Comparator	10.83
570 -	CD4041UBE	Quad True/Comparator	1.41
570 -	CD4042BE	Quad Clocked D Latch	0.62
511 -	4042	Quad Clocked D Latch	0.51
570 -	CD4043BE	Quad NOR R/S 3-output	0.82
511 -	4043	Quad NOR R/S 3-output	0.60
◆ 511 -	4043BM	Quad NOR R/S 3-output	0.60
570 -	CD4044AD	Quad NAND R/S 3-output	9.05
570 -	CD4044BE	Quad NAND R/S 3-output	0.82
511 -	4044	Quad NAND R/S 3-output	0.60
570 -	CD4045BE	21 Stage Timer	1.12
511 -	4045	21 Stage Timer	1.15
570 -	CD4046BE	Phase-locked Loop	0.95
511 -	4046	Phase-locked Loop	0.81
570 -	CD4047AF	Monostable Multivibrator	4.52
570 -	CD4047BD	Monostable Multivibrator	9.68
570 -	CD4047BE	Monostable Multivibrator	0.84
511 -	4047	Monostable Multivibrator	0.69
◆ 511 -	4047BM	Monostable Multivibrator	0.69
570 -	CD4047BF	Monostable Multivibrator	2.84
570 -	CD4048BD	Expand 8-input Gate	6.91
570 -	CD4048BE	Expand 8-input Gate	0.66
511 -	4048	Expand 8-input Gate	0.60
570 -	CD4048BF	Expand 8-input Gate	2.50
570 -	CD4049AD	Hex Buffer/Converter	7.60
511 -	4049	Hex Buffer/Converter	0.46
◆ 511 -	4049BM	Hex Buffer/Converter	0.46
570 -	CD4049UBE	Hex Buffer/Converter	0.46
570 -	CD4049UBF	Hex Buffer/Converter	1.66
570 -	CD4050BE	Hex Buffer/Converter	0.51
511 -	4050	Hex Buffer/Converter	0.46
570 -	CD4050BF	Hex Buffer/Converter	1.66
570 -	CD4051BE	8-Channel Analog Multiplx	0.70
511 -	4051	8-Channel Analog Multiplx	0.60
◆ 511 -	4051BM	8-Channel Analog Multiplx	0.60
570 -	CD4052BE	Diff 4-Channel Multiplexer	0.70
511 -	4052	Diff 4-Channel Multiplexer	0.60
◆ 511 -	4052BM	Diff 4-Channel Multiplexer	0.60
570 -	CD4053BE	Triple 2-Channel Multiplexr	0.70
511 -	4053	Triple 2-Channel Multiplexr	0.60
◆ 511 -	4053BM	Triple 2-Channel Multiplexr	0.60
570 -	CD4054BE	4-SEG LCD Display Driver	0.89
511 -	4054	4-SEG LCD Display Driver	0.71
570 -	CD4055BE	BCD-to-7 SEG Dec/Driver	1.02
511 -	4055	BCD-to-7 SEG Dec/Driver	0.71
570 -	CD4056BE	BCD-to-7 SEG Dec/Driver	0.89
511 -	4056	BCD-to-7 SEG Dec/Driver	0.71
570 -	CD4056BF	BCD-to-7 SEG Dec/Driver	3.57
570 -	CD4059AE	Prog Div By "N" Counter	3.95
570 -	CD4060BE	14-Stage Counter/Divider	0.80

Manufacturer	Prefix
Harris Semiconductor	570
Linfinity	595

CMOS IC's

4000 / 22000 / 7211 / 80C Series

Manufacturer	Prefix
NTE	526
SGS Thomson	511

◆ Surface Mount Device

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	4000 Series (cont.)			
	511 -	4060	14-Stage Counter/Divider	0.71
◆	511 -	4060BM	14-Stage Counter/Divider	0.71
	570 -	CD4060BF	14-Stage Counter/Divider	2.96
	570 -	CD4063BE	4-bit Mag Comparator	0.87
	511 -	4063	4-bit Mag Comparator	0.60
◆	511 -	4063BM	4-bit Mag Comparator	0.60
	570 -	CD4063BF	4-bit Mag Comparator	3.37
	570 -	CD4066BD	Quad Bilateral Switch	9.20
	570 -	CD4066BE	Quad Bilateral Switch	0.78
	511 -	4066	Quad Bilateral Switch	0.46
◆	511 -	4066BM	Quad Bilateral Switch	0.46
	570 -	CD4067BE	Single 16-Channel Multplxr	2.36
	511 -	4067	Single 16-Channel Multplxr	3.13
◆	511 -	4067BM	Single 16-Channel Multplxr	3.13
	570 -	CD4068BE	8-input NAND/AND Gate	0.38
	511 -	4068	8-input NAND/AND Gate	0.41
◆	511 -	4068BM	8-input NAND/AND Gate	0.41
	511 -	4069	Hex Inverter	0.41
◆	511 -	4069BM	Hex Inverter	0.41
	570 -	CD4069UBE	Hex Inverter	0.38
	570 -	CD4069UBF	Hex Inverter	1.05
	570 -	CD4070BE	Quad Exclusive OR Gate	0.38
	511 -	4070	Quad Exclusive OR Gate	0.41
◆	511 -	4070BM	Quad Exclusive OR Gate	0.41
	570 -	CD4071BE	Quad 2-input OR Gate	0.38
	511 -	4071	Quad 2-input OR Gate	0.41
◆	511 -	4071BM	Quad 2-input OR Gate	0.41
	570 -	CD4071BF	Quad 2-input OR Gate	1.30
	570 -	CD4072BE	Dual 4-input OR Gate	0.38
	570 -	CD4072BD	Dual 4-input OR Gate	6.63
	511 -	4072	Dual 4-input OR Gate	0.41
	570 -	CD4073BE	Triple 3-input AND Gate	0.37
	511 -	4073	Triple 3-input AND Gate	0.41
	570 -	CD4075BE	Triple 3-input OR Gate	0.37
	511 -	4075	Triple 3-input OR Gate	0.41
	570 -	CD4076BE	4 Bit D-type Register	0.87
	511 -	4076	4 Bit D-type Register	0.67
	570 -	CD4077BE	Quad Exclusive NOR Gate	0.38
	511 -	4077	Quad Exclusive NOR Gate	0.41
	570 -	CD4078BE	8-input NOR/OR Gate	0.38
	511 -	4078	8-input NOR/OR Gate	0.41
	570 -	CD4081BE	Quad 2-input AND Gate	0.38
	511 -	4081	Quad 2-input AND Gate	0.41
◆	511 -	4081BM	Quad 2-input AND Gate	0.41
	570 -	CD4081BF	Quad 2-input AND Gate	1.20
	570 -	CD4082BE	Dual 4-input AND Gate	0.38
	511 -	4082	Dual 4-input AND Gate	0.41
	570 -	CD4085BE	Dual AND/OR Inv Gate	0.61
	511 -	4085	Dual AND/OR Inv Gate	0.46
	570 -	CD4086BE	Expand AND/OR Inv Gate	0.53
	511 -	4086	Expand AND/OR Inv Gate	0.46
	570 -	CD4089BE	Binary Rate Multiplexer	1.29
	511 -	4089	Binary Rate Multiplexer	0.92
	570 -	CD4093BD	Quad 2-input NAND Schmt	8.81
	570 -	CD4093BE	Quad 2-input NAND Schmt	0.49
	511 -	4093	Quad 2-input NAND Schmt	0.46
◆	511 -	4093BM	Quad 2-input NAND Schmt	0.46
	570 -	CD4093BF	Quad 2-input NAND Schmt	1.41
	570 -	CD4094BE	8-Stage Shift/Store Reg	0.75
	511 -	4094	8-Stage Shift/Store Reg	0.69
◆	511 -	4094BM	8-Stage Shift/Store Reg	0.69
	570 -	CD4095BE	Gated J-K Non-Inv F/F	0.73

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	4000 Series (cont.)			
	511 -	4095	Gated J-K Non-Inv F/F	0.69
	570 -	CD4096BE	Gated J-K Flip-Flop	0.87
	570 -	CD4097BE	Diff 8-Channel Multiplexer	2.59
	511 -	4097	Diff 8-Channel Multiplexer	3.13
	570 -	CD4098BD	Dual Mono Multivibrator	12.18
	570 -	CD4098BE	Dual Mono Multivibrator	0.73
	511 -	4098	Dual Mono Multivibrator	0.64
◆	511 -	4098BM	Dual Mono Multivibrator	0.64
	570 -	CD4098BF	Dual Mono Multivibrator	2.75
	570 -	CD4099BE	8 Bit Addressable Latch	0.95
	511 -	4099	8 Bit Addressable Latch	0.78
◆	511 -	4099BM	8 Bit Addressable Latch	0.78
	511 -	4502	3-State Hex/Inv Buffer	0.64
	570 -	CD4502BF	3-State Hex/Inv Buffer	3.23
	570 -	CD4503BE	3-State Hex/Non-Inv Buffer	0.73
	511 -	4503	3-State Hex/Non-Inv Buffer	0.67
	570 -	CD4508BE	Dual 4-bit Latch	2.46
	511 -	4508	Dual 4-bit Latch	3.13
	570 -	CD4510BE	4-bit BCD Up/Down Cntr	0.96
	511 -	4510	4-bit BCD Up/Down Cntr	0.94
	570 -	CD4510BF	4-bit BCD Up/Down Cntr	3.43
	570 -	CD4511BE	BCD-to-7 SEG Latch Dec	0.95
	511 -	4511	BCD-to-7 SEG Latch Dec	0.90
◆	511 -	4511BM	BCD-to-7 SEG Latch Dec	0.90
	570 -	CD4511BF	BCD-to-7 SEG Latch Dec	3.48
	570 -	CD4512BE	8-Channel Data Selector	0.87
	511 -	4512	8-Channel Data Selector	0.58
	570 -	CD4514BE	4 bit Latch/4-16 Line Dec	2.11
	511 -	4514	4 bit Latch/4-16 Line Dec	3.13
	570 -	CD4515BE	4 bit Latch/4-16 Line Dec	2.25
	511 -	4515	4 bit Latch/4-16 Line Dec	3.13
	570 -	CD4516BE	Prst 4 bit Up/Down Cntr	0.93
	511 -	4516	Prst 4 bit Up/Down Cntr	0.74
	570 -	CD4517BE	Dual 64-Stage Shift Reg	1.80
	511 -	4517	Dual 64-Stage Shift Reg	1.82
	570 -	CD4518BE	Dual BCD Up Counter	0.95
	511 -	4518	Dual BCD Up Counter	0.67
◆	511 -	4518BM	Dual BCD Up Counter	0.67
	570 -	CD4520BE	Dual Bin Up Counter	0.87
	511 -	4520	Dual Bin Up Counter	0.67
◆	511 -	4520BM	Dual Bin Up Counter	0.67
	570 -	CD4527BE	BCD Rate Multiplier	1.05
	511 -	4527	BCD Rate Multiplier	0.92
	570 -	CD4532BE	8-input Priority Encoder	1.04
	511 -	4532	8-input Priority Encoder	0.64
◆	511 -	4532BM	8-input Priority Encoder	0.64
	570 -	CD4536BE	Programmable Timer	1.59
	511 -	4536	Programmable Timer	1.20
	570 -	CD4538BE	Dual Mono Multivibrator	0.84
	570 -	CD4538BF	Dual Mono Multivibrator	3.21
	570 -	CD4541BE	CMOS Prog Timer	0.84
	570 -	CD4543BE	Crystal Display Drv	0.84
	570 -	CD4555BE	Dual 1 of 4 Dec/Multip	0.84
	511 -	4555	Dual 1 of 4 Dec/Multip	0.67
	570 -	CD4556BE	Dual 1 of 4 Dec/Multip	0.84
	511 -	4556	Dual 1 of 4 Dec/Multip	0.67
	570 -	CD4585BE	4 Bit Mag Comparator	0.95
	511 -	4585	4 Bit Mag Comparator	0.75
	570 -	CD4724BE	8 Bit Addressable Latch	1.21
	570 -	CD40100BE	32-bit L/R Shift Reg	1.25
	511 -	40100	32-bit L/R Shift Reg	1.01
	511 -	40101	9-bit Parity Gen/Chk	0.64

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	4000 Series (cont.)			
	570 -	CD40102BE	Preset 8 bit Bin Dn Cnt	1.25
	511 -	40102	Preset 8 bit Bin Dn Cnt	1.08
	570 -	CD40103BE	Preset 8 bit Bin Dn Cnt	1.12
	511 -	40103	Preset 8 bit Bin Dn Cnt	1.08
	570 -	CD40103BF	Preset 8 bit Bin Dn Cnt	4.04
	570 -	CD40104BE	4-bit Bi-dir Shift Reg	0.87
	511 -	40104	4-bit Bi-dir Shift Reg	0.87
	570 -	CD40105BE	4 bit x 16 FIFO Buffer Reg	1.48
	511 -	40105	4 bit x 16 FIFO Buffer Reg	1.75
	570 -	CD40106BE	Hex Schmitt Trigger	0.51
	511 -	40106	Hex Schmitt Trigger	0.51
◆	511 -	40106BM	Hex Schmitt Trigger	0.51
	570 -	CD40106BF	Hex Schmitt Trigger	1.86
	570 -	CD40107BE	Dual 2-input NAND Buffer	0.55
	511 -	40107	Dual 2-input NAND Buffer	0.51
	570 -	CD40108BE	4x4 Multiprt Register	1.53
	570 -	CD40109BE	Quad Lo to Hi Interface	0.89
	511 -	40109	Quad Lo to Hi Interface	0.67
	570 -	CD40110BE	Decade Up/Down Counter	1.48
	511 -	40110	Decade Up/Down Counter	1.50
	570 -	CD40114BE	16 X 4 CMOS Ram	2.91
	570 -	CD40116E	8-bit Bi-direc Converter	11.82
	570 -	CD40117BE	Prog Dual 4-bit Term	0.57
	570 -	CD40147BE	Bcd Priority Encoder	1.14
	570 -	CD40160BE	Decade Cntr/Async Clr	0.96
	511 -	40160	Decade Cntr/Async Clr	0.85
	570 -	CD40161BE	Binary Cntr/Async Clr	0.84
	511 -	40161	Binary Cntr/Async Clr	0.85
	570 -	CD40162BE	Decade Cntr/Sync Clr	0.95
	511 -	40162	Decade Cntr/Sync Clr	0.85
	570 -	CD40163BE	Bin Cntr/Sync Clr	0.93
	511 -	40163	Bin Cntr/Sync Clr	0.85
	570 -	CD40174BE	Hex "D" Flip-Flop	0.75
	511 -	40174	Hex "D" Flip-Flop	0.67
	570 -	CD40175BE	Quad "D" Flip-Flop	0.75
	511 -	40181	4 Bit Arithmtc Unit	3.31
	570 -	CD40182BE	Look-Ahead-Carry Blk	0.77
	511 -	40182	Look-Ahead-Carry Blk	0.64
	570 -	CD40192BE	Prst 4-bit BCD Up/Down	1.00
	511 -	40192	Prst 4-bit BCD Up/Down	0.97
	570 -	CD40193BD	Prst 4-bit Bin Up/Down	12.48
	570 -	CD40193BE	Prst 4-bit Bin Up/Down	1.25
	511 -	40193	Prst 4-bit Bin Up/Down	0.97
	570 -	CD40194BE	4-bit Bi-dir Shift Reg	0.87
	526 -	NTE40195B	4 Bit Shift Register	3.78
	511 -	40208	4 X 4 Multiport Reg	3.17
	570 -	CD40257BE	Quad Line-to-Line Multplex	1.41
	511 -	40257	Quad Line-to-Line Multplex	0.64
	22000 Series CMOS			
	570 -	CD22100E	4x4 Crosspoint Switch	0.99
	570 -	CD22102E	4x4x2 Crosspoint Switch	3.43
	570 -	CD22402E	TV Camera Sync Generator	8.64
	7211 Digital Interface			
	570 -	CD7211E	4 Dig LCD Decoder/Driver	4.34
	80C Series CMOS			
	526 -	NTE80C95	Hex 3-State Buffer	1.46
	526 -	NTE80C96	Hex 3-State Inverter	3.91
	526 -	NTE80C97	Hex 3-State Buffer	2.21

Linear IC's

◆ Surface Mount Device

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	Linear Series			
	511-	OP07CN	DIP-8 Single Bipolar OpAm	1.70
◆	511 -	TL061CD	SO-8 Single JFET Op Amp	0.67
	511 -	TL061CN	DIP-8 Single Op Amp	0.67
◆	511 -	TL061ID	SO-8 Single JFET Op Amp	0.74
	511 -	TL061IN	DIP-8 Single JFET Op Amp	0.74
◆	511 -	TL062CD	SO-8 Dual JFET Op Amp	0.64
	511 -	TL062CN	DIP-8 Dual Op Amp	0.64
◆	511 -	TL062ID	SO-8 Dual JFET Op Amp	0.76
	511 -	TL062IN	DIP-8 Dual JFET Op Amp	0.76
◆	511 -	TL064CD	SO-14 Quad Op Amp	0.81
	511 -	TL064CN	DIP-14 Quad Op Amp	0.81
◆	511 -	TL064ID	SO-14 Quad JFET Op Amp	0.94
	511 -	TL064IN	DIP-14 Quad JFET Op Amp	0.94
◆	511 -	TL071CD	SO-8 Single JFET Op Amp	0.62
	511 -	TL071CN	DIP-8 Single Op Amp	0.62
◆	511 -	TL071ID	SO-8 Single JFET Op Amp	0.71

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	Linear Series (cont.)			
	511 -	TL071IN	DIP-8 Single JFET Op Amp	0.71
◆	511 -	TL072CD	SO-8 Dual JFET Op Amp	0.67
	511 -	TL072CN	DIP-8 Dual JFET Op Amp	0.67
◆	511 -	TL072ID	SO-8 Dual JFET Op Amp	0.76
	511 -	TL072IN	DIP-8 Dual JFET Op Amp	0.76
◆	511 -	TL074CD	SO-14 Quad Op Amp	0.81
	511 -	TL074CN	DIP-14 Quad Op Amp	0.81
◆	511 -	TL074ID	SO-14 Quad JFET Op Amp	0.94
	511 -	TL074IN	DIP-14 Quad JFET Op Amp	0.94
◆	511 -	TL081CD	SO-8 Single JFET Op Amp	0.62
	511 -	TL081CN	DIP-8 Single Op Amp	0.62
◆	511 -	TL081ID	SO-8 Single JFET Op Amp	0.71
	511 -	TL081IN	DIP-8 Single JFET Op Amp	0.71
◆	511 -	TL082CD	SO-8 Dual JFET Op Amp	0.67
	511 -	TL082CN	DIP-8 Dual Op Amp	0.67
◆	511 -	TL082ID	SO-8 Dual JFET Op Amp	0.76

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	Linear Series (cont.)			
	511 -	TL082IN	DIP-8 Dual JFET Op Amp	0.76
◆	511 -	TL084CD	SO-14 Quad JFET Op Amp	0.81
	511 -	TL084CN	DIP-14 Quad Op Amp	0.81
◆	511 -	TL084ID	SO-14 Quad JFET Op Amp	0.94
	511 -	TL084IN	DIP-14 Quad JFET Op Amp	0.94
	595 -	SG103-2.7Z	TO-46 2.7 Volt Ref	13.25
	595 -	SG103-4.7Z	TO-46 4.7 Volt Ref	13.25
	595 -	SG105J	DIP-14 +V Reg 20mA	8.10
	595 -	SG107T	TO-99 Gen Pur Op Amp	4.05
	595 -	SG111T	TO-99 Volt Comparator	3.15
	595 -	SG120-05K	TO-3 Neg 5V V Reg	6.30
	595 -	SG120-12K	TO-3 Neg 12V V Reg	6.30
	595 -	SG120-18K	TO-3 Neg 18V V Reg	28.05
	595 -	SG120-20T	TO-39 Neg 20V V Reg	27.20
	570 -	CA124E	DIP-14 GP Quad Op Amp	1.73
	595 -	SG138AK	TO-3 5A +Adj V Reg	46.75

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570

Linear IC's

Manufacturer	Prefix
Linfinity	595
SGS Thomson	511

◆ **Surface Mount Device**

For quantities greater than listed call for quote

	MOUSER NO.		Description	Price Each
	Mfr.	Industry No.		1-99
	Linear Series			
	570 -	CA139E	DIP-14 Quad V-Comp	2.46
	595 -	SG140-05K	TO-3 5V +Volt Reg	4.95
	595 -	SG140-12K	TO-3 12V +Volt Reg	4.95
	595 -	SG140-15K	TO-3 15V +Volt Reg	4.95
	511 -	L149V	Pentawatt 4A Power Stage	1.73
◆	511 -	TSH150ID	SO-8 Single BiCMOS OpAm	6.90
	511 -	TSH150IN	DIP-8 Single BiCMOS Op A	6.79
◆	511 -	TSH151ID	SO-8 Single BiCMOS OpAm	10.30
	511 -	TSH151IN	DIP-8 Single BiCMOS Op A	10.24
	570 -	CA158E	DIP-8 GP Dual Op Amp	1.71
◆	511 -	LM201AD	SO-8 Single Op Amp	0.94
	511 -	LM201AN	DIP-8 Single Op Amp	0.94
◆	511 -	LS204CD	SO-8 Dual Bipolar Op Amp	1.06
	511 -	LS204CN	DIP-8 Dual Bipolar Op Amp	1.01
◆	511 -	LS204ID	SO-8 Dual Bipolar Op Amp	1.38
	595 -	SG205T	TO-99 .02A +V Reg	4.25
	595 -	SG207T	TO-99 Gen Pur Op Amp	3.60
◆	511 -	LM208AD	SO-8 Single Bipolar OpAmp	1.40
	511 -	LM208AN	DIP-8 Single Op Amp	1.33
◆	511 -	LM208D	SO-8 Single Bipolar OpAmp	1.29
	511 -	LM208N	DIP-8 Single Bipolar OpAm	1.17
◆	511 -	LM211D	SO-8 Singl Bipol Volt Comp	0.60
	511 -	LM211N	DIP-8 Singl Bipo Volt Comp	0.60
	595 -	SG211Y	DIP-8 Voltage Comp	4.95
	511 -	LM217K	TO-3 1.5A Adj V Reg	3.45
◆	511 -	LM219D	SO-14 Dual Bipol Volt Com	1.75
	511 -	LM219N	DIP-14 Dual Bipo Volt Com	1.63
◆	511 -	LM224AD	SO-14 Quad Bipolar Op Am	1.54
◆	511 -	LM224D	SO-14 Quad Bipolar Op Am	0.60
	570 -	CA224E	DIP-14 GP Quad Op Amp	1.48
	511 -	LM224N	DIP-14 Quad Op Amp	0.60
	511 -	LM234Z	TO-92 Adj Current Source	1.96
	511 -	LM235Z	TO-92 Prec Temp Sensor	2.30
◆	511 -	LM236D	SO-8 2.5V Volt Reference	3.04
	511 -	LM236Z	TO-92 2.5V Volt Reference	2.30
	511 -	LM237K	TO-3 1.5A -Adj V Rg	5.18
	595 -	SG238AK	TO-83 SP +Adj V Reg	23.35
	570 -	CA239E	DIP-14 Quad V-Comp	1.48
◆	511 -	LM239D	SO-14 Quad Volt Comp	0.60
	511 -	LM239N	DIP-14 Quad Volt Comp	0.60
◆	511 -	LM246D	SO-16 Quad Bipol Op Amp	2.39
	511 -	LM246N	DIP-16 Quad Bipol Op Amp	2.21
◆	511 -	LM248D	SO-14 Quad Bipol Op Amp	0.81
	511 -	LM248N	DIP-14 Quad Op Amp	0.81
◆	511 -	LM258D	SO-8 Dual Bipolar Op Amp	0.60
	570 -	CA258E	DIP-8 Dual Op Amp	0.89
	511 -	LM258N	DIP-8 Dual Op Amp	0.60
◆	511 -	TS271CD	SO-8 Singl CMOS Op Amp	0.94
	511 -	TS271CN	DIP-8 Single Op Amp	0.90
◆	511 -	TS271ID	SO-8 Singl CMOS Op Amp	1.20
	511 -	TS271IN	DIP-8 Sing CMOS Op Amp	1.13
	511 -	L272	DIP-16 Dl Power Op Amp	1.96
◆	511 -	TS272ACD	SO-8 Dual CMOS Op Amp	1.82
	511 -	TS272ACN	DIP-8 Dual CMOS Op Amp	1.75
◆	511 -	TS272AID	SO-8 Dual CMOS Op Amp	2.19
	511 -	TS272AIN	DIP-8 Dual CMOS Op Amp	2.12
◆	511 -	TS272CD	SO-8 Dual CMOS Op Amp	1.56
	511 -	TS272CN	DIP-8 Dual Op Amp	1.50
◆	511 -	TS272ID	SO-8 Dual CMOS Op Amp	1.89
	511 -	TS272IN	DIP-8 Dual CMOS Op Amp	1.82
	511 -	TS27L2CN	DIP-8 Dual Op Amp	1.50
	511 -	TS27M2CN	DIP-8 Dual Op Amp	1.50
◆	511 -	TS274ACD	SO-14 Quad CMOS Op Am	2.99
	511 -	TS274ACN	DIP-14 Quad CMOS OpAm	2.90
◆	511 -	TS274AID	SO-14 Quad CMOS Op Am	3.36
◆	511 -	TS274CD	SO-14 Quad CMOS Op Am	2.36
	511 -	TS274CN	DIP-14 Quad Op Amp	2.30
◆	511 -	TS274ID	SO-14 Quad CMOS Op Am	2.99
	511 -	TS274IN	DIP-14 Quad CMOS OpAm	2.90
◆	511 -	TS27L2ACD	SO-8 Dual CMOS Op Amp	1.82
	511 -	TS27L2ACN	DIP-8 Dual CMOS Op Amp	1.75
◆	511 -	TS27L2AID	SO-8 Dual CMOS Op Amp	2.44
	511 -	TS27L2AIN	DIP-8 Dual CMOS Op Amp	2.12
◆	511 -	TS27L2CD	SO-8 Dual CMOS Op Amp	1.56
◆	511 -	TS27L2ID	SO-8 Dual CMOS Op Amp	1.89
	511 -	TS27L2IN	DIP-8 Dual CMOS Op Amp	1.82
◆	511 -	TS27L4ACD	SO-14 Quad CMOS Op Am	2.99
	511 -	TS27L4ACN	DIP-14 Quad CMOS Op Am	2.90
◆	511 -	TS27L4AID	SO-14 Quad CMOS Op Am	3.47
	511 -	TS27L4AIN	DIP-14 Quad CMOS Op Am	3.36
◆	511 -	TS27L4CD	SO-14 Quad CMOS Op Am	2.39
	511 -	TS27L4CN	DIP-14 Quad Op Amp	2.30
◆	511 -	TS27L4ID	SO-14 Quad CMOS Op Am	2.99
	511 -	TS27L4IN	DIP-14 Quad CMOS Op Am	2.90
◆	511 -	TS27M2ACD	SO-8 Dual CMOS Op Amp	1.82
	511 -	TS27M2ACN	DIP-8 Dual CMOS Op Amp	1.75
◆	511 -	TS27M2AID	SO-8 Dual CMOS Op Amp	2.19
	511 -	TS27M2AIN	DIP-8 Dual CMOS Op Amp	2.53
	Linear Series (cont.)			
◆	511 -	TS27M2CD	SO-8 Dual CMOS Op Amp	1.56
◆	511 -	TS27M2ID	SO-8 Dual CMOS Op Amp	1.89
	511 -	TS27M2IN	DIP-8 Dual CMOS Op Amp	1.82
◆	511 -	TS27M4ACD	SO-14 Quad CMOS Op Am	2.99
	511 -	TS27M4ACN	DIP-14 Quad CMOS Op Am	2.90
◆	511 -	TS27M4AID	SO-14 Quad CMOS Op Am	3.47
	511 -	TS27M4AIN	DIP-14 Quad CMOS Op Am	3.36
◆	511 -	TS27M4CD	SO-14 Quad CMOS Op Am	2.39
	511 -	TS27M4CN	DIP-14 Quad Op Amp	2.30
◆	511 -	TS27M4ID	SO-14 Quad CMOS Op Am	2.99
	511 -	TS27M4IN	DIP-14 Quad CMOS Op Am	2.90
	511 -	L293E	DIP-20 P/P 4-Channel Drvr	3.50
◆	511 -	LM293D	SO-8 Dual Bipolar Volt Com	0.60
	511 -	LM293N	DIP-8 Dual Bipolar Volt Com	0.60
	511 -	L296	SIP-15 4 Amp Sw Reg	4.83
	511 -	L297	DIP-20 Step Mtr Cont	5.41
	511 -	L298	SIP-15 Dual Brg Drvr	4.32
◆	511 -	LM301AD	SO-8 Single Op Amp	0.48
	511 -	LM301AH	TO-99 Single Op Amp	1.56
	511 -	LM301AN	DIP-8 Single Op Amp	0.48
	570 -	CA301AT	TO-5 Single Op Amp	1.41
	595 -	SG301AT	TO-99 Gen Pur Op Amp	1.80
◆	511 -	LM308AD	SO-8 Single Bipolar Op Amp	1.20
	511 -	LM308AN	DIP-8 Single Bipolar OpAmp	1.13
◆	511 -	LM308D	SO-8 Single Op Amp	0.78
	511 -	LM308N	DIP-8 Single Bip Op Amp	0.78
◆	551 -	LM311D	SO-8 Single Volt Comp	0.48
	570 -	LM311N	DIP-8 Single Volt Comp	0.51
	511 -	LM311N	DIP-8 Single Volt Comp	0.48
	595 -	SG317AK	TO-3 1.5A Adj V Reg	6.75
	595 -	SG317K	TO-3 1.5A Adj V Reg	4.50
	511 -	LM317K	TO-3 1.5A Adj V Reg	2.42
◆	511 -	LM317LD	SO-8 Adj 0.1A Voltage Reg	0.58
	511 -	LM317LZ	TO-92 Adj 0.1A Voltage Reg	0.51
	511 -	LM317T	TO-220 1.5A Adj V Reg	0.83
◆	511 -	LM318D	SO-8 Single Op Amp	1.40
	511 -	LM318N	DIP-8 Single Op Amp	1.33
◆	511 -	LM319D	SO-14 Dual Bipol Volt Comp	1.43
	511 -	LM319N	DIP-14 Dual Comp	1.36
	595 -	SG320-05R	TO-66 1.5A 5V -V Reg	11.45
	595 -	SG320-12R	TO-66 1.5A 12V -V Reg	11.45
	595 -	SG320-12T	TO-39 1.5A 12V -V Reg	1.99
	595 -	SG320-15T	TO-39 1.5A 15V -V Reg	1.99
	511 -	LM323K	TO-3 3A 5V Fixed Reg	4.21
	333 -	KIA324P	DIP-14 Quad Op Amp	0.47
◆	333 -	KIA324F	SO-14 Quad Op Amp	0.62
◆	511 -	LM324D	SO-14 Quad Op Amp	0.48
	570 -	CA324E	DIP-14 Quad Op Amp	0.80
	570 -	LM324N	DIP-14 Quad Op Amp	0.80
	511 -	LM324N	DIP-14 Quad Op Amp	0.48
	592 -	BA10324	DIP-14 Quad Op Amp	0.51
	592 -	BA10324A	DIP-14 Quad Op Amp	0.47
◆	511 -	LM334D	SO-8 Adj Current Source	1.15
	511 -	LM334Z	TO-92 Adj Current Source	1.04
◆	511 -	LM335AD	SO-8 Prec Temp Sensor	2.09
	511 -	LM335AZ	TO-92 Prec Temp Sensor	1.96
◆	511 -	LM335D	SO-8 Prec Temp Sensor	1.38
	511 -	LM335Z	TO-92 Prec Temp Sensor	1.27
◆	511 -	LM336BD	SO-8 2.5 Voltage Ref	2.09
	511 -	LM336BZ	TO-92 2.5 Voltage Ref	1.96
◆	511 -	LM336D	SO-8 2.5 Voltage Ref	1.38
	511 -	LM336Z	TO-92 2.5 Voltage Ref	1.27
	595 -	SG337AK	TO-3 1.5A -Adj V Reg	7.65
	511 -	LM337H	TO-39 Adj .5A Voltage Reg	3.68
	511 -	LM337K	TO-3 1.5A -Adj V Reg	4.53
	595 -	SG337R	TO-66 1.5A -Adj V Rg	11.55
	511 -	LM337SP	TO-220 1.5A -Adj V Rg	1.38
	511 -	LM338K	TO-3 5A +Adj V Reg	7.87
◆	511 -	LM339AD	SO-14 Quad Volt Comp	0.71
	570 -	CA339AE	DIP-14 Quad Volt Comp	1.80
	570 -	LM339AN	DIP-14 Quad Volt Comp	1.86
	511 -	LM339AN	DIP-14 Quad Volt Comp	0.71
◆	511 -	TS339CD	DIP-14 Quad Comparator	1.59
◆	511 -	TS339ID	SO-14 Quad CMOS VComp	1.98
	511 -	TS339IN	DIP-14 Quad CMOS VComp	1.93
	333 -	KIA339P	DIP-14 Quad Volt Comp	0.55
◆	511 -	LM339D	SO-14 Quad Volt Comp	0.48
	570 -	LM339N	DIP-14 Quad Volt Comp	0.80
	511 -	LM339N	DIP-14 Quad Volt Comp	0.48
◆	511 -	TS339CD	SO-14 Quad Comparator	1.59
	511 -	TS339CN	DIP-14 Quad Comparator	1.52
	592 -	BA10339	DIP-14 Quad Volt Comp	0.47
	595 -	SG340-05R	TO-66 1.5A 5V+V Reg	9.75
	595 -	SG340-12R	TO-66 1.5A 12V +V Rg	9.75
	595 -	SG340-15R	TO-66 1.5A 15V +V Rg	9.75
	595 -	SG340-18K	TO-3 1.5A 18V +V Reg	5.40
	595 -	SG340-20K	TO-3 1.5A 20V +V Reg	5.40
	511 -	MC3403N	DIP-14 Quad Op Amp	0.69
	Linear Series (cont.)			
◆	511 -	LM346D	SO-16 Quad Bipolar OpAmp	1.73
	511 -	LM346N	DIP-16 Quad Bip Op Amp	1.66
◆	511 -	LF347D	SO-14 Quad JFET Op Amp	0.92
	511 -	LF347N	DIP-14 Quad Op Amp	0.92
◆	511 -	LM348D	SO-14 Quad Op Amp	0.48
	511 -	LM348N	DIP-14 Quad Bip Op Amp	0.48
◆	511 -	LF351D	SO-8 Single JFET Op Amp	0.64
	511 -	LF351N	DIP-8 Single Op Amp	0.64
◆	511 -	LF353D	SO-8 Dual JFET Op Amp	0.64
	511 -	LF353N	DIP-8 Dual Op Amp	0.64
◆	511 -	LF355D	SO-8 Single JFET Op Amp	1.10
	511 -	LF355N	DIP-8 Single Op Amp	1.10
◆	511 -	LF356D	SO-8 Single Op Amp	1.10
	511 -	LF356N	DIP-8 Single Op Amp	1.10
◆	511	LF357D	SO-8 Quad JFET Op Amp	1.10
	511 -	LF357N	DIP-8 Single Op Amp	1.10
◆	511 -	LM358AD	SO-8 Dual Op Amp	0.53
	570 -	CA358AE	DIP-8 Dual Op Amp	1.34
	511 -	LM358AN	DIP-8 Dual Op Amp	0.53
	333 -	KIA358P	DIP-8 Dual Op Amp	0.52
◆	333 -	KIA358F	SO-8 Dual Op Amp	0.55
◆	511 -	LM358D	SO-8 Dual Op Amp	0.48
	570 -	CA358E	DIP-8 Dual Op Amp	0.70
	570 -	LM358N	DIP-8 Dual Op Amp	0.70
	511 -	LM358N	DIP-8 Dual Op Amp	0.64
	592 -	BA10358	DIP-8 Low Pwr Dual OpAmp	0.47
	592 -	BA10358N	SIP-8 Dual Op Amp	0.44
◆	511 -	TS3702CD	SO-8 Dual CMOS VoltComp	1.13
◆	511 -	TS3702ID	SO-8 Dual CMOS VoltComp	1.36
	511 -	TS3702IN	DIP-8 Dl CMOS VoltComp	1.29
◆	511 -	TS3704CD	SO-14 Quad CMOS VoltCo	1.70
◆	511 -	TS3704ID	SO-14 Quad CMOS VoltCo	2.12
	511 -	TS3704IN	DIP-14 Quad CMOS VoltCo	2.05
◆	511 -	TS372CD	SO-8 Dual CMOS VoltComp	0.87
◆	511 -	TS372ID	SO-8 Dual CMOS VoltComp	1.06
	511 -	TS372IN	DIP-8 Dual CMOS V Com	1.01
◆	511 -	TS374CD	SO-14 Quad CMOS V Com	1.33
	511 -	TS372CN	DIP-8 Dual Comparator	0.83
	511 -	TS374CN	DIP-14 Quad Comparator	1.27
◆	511 -	TS374ID	SO-14 Quad CMOS V Com	1.66
	511 -	TS374IN	DIP-14 Quad CMOS V Com	1.61
◆	511 -	TS393CD	SO-8 Dual Comparator	1.04
◆	511 -	TS393ID	SO-8 Dual CMOS V Comp	1.27
	511 -	TS393IN	DIP-8 Dual CMOS V Comp	1.22
	333 -	KIA393P	DIP-8 Dual Voltage Comp	0.48
	333 -	KIA393F	SO-8 Dual Voltage Comp	0.62
◆	511 -	LM393D	SO-8 Dual Voltage Comp	0.48
	511 -	LM393N	DIP-8 Dual Voltage Comp	0.48
	511 -	TS393CN	DIP-8 Dual Comparator	0.99
	592 -	BA10393	DIP-8 Dual Comparator	0.46
	592 -	BA10393N	DIP-8 Dual Volt Comparator	0.40
◆	511 -	LS404CD	SO-14 Quad Bipolar OpAmp	1.75
	511 -	LS404CN	DIP-14 Quad Bipolar OpAm	1.70
◆	511 -	LS404ID	SO-14 Quad Bipolar OpAmp	2.28
◆	333 -	KIA431F	SOT-89 Prog Prec Ref	0.78
	333 -	KIA494P	DIP-16 PWM Switching Reg	1.39
	595 -	SG508H	DIP-14 Quad NAND Drv	15.75
	333 -	KIA555P	DIP-8 Single Timer	0.58
◆	333 -	KIA555F	SO-8 Single Timer	0.58
◆	511 -	TS555CD	SO-8 Single Timer	0.85
	570 -	CA555CE	DIP-8 Time Delay/Osc	0.62
	570 -	LM555CN	DIP-8 Time Delay/Osc	0.62
	570 -	CA555CT	TO-5 Time Delay/Osc	1.86
◆	511 -	NE555D	SO-8 Single Timer	0.37
◆	511 -	TS555ID	SO-8 Single CMOS Timer	1.45
	511 -	TS555IN	DIP-8 Single CMOS Timer	1.40
	511 -	NE555N	DIP-8 Single Timer	0.37
	570 -	CA555S	TO-5 Time Delay/Osc	2.23
	511 -	TS555CN	DIP-8 Single Timer	0.81
◆	511 -	TS556ID	SO-14 Dual CMOS Timer	2.30
	511 -	TS556IN	DIP-14 Dual CMOS Timer	2.21
	333 -	KIA556P	DIP-14 Dual Timer	0.66
	511 -	NE556	DIP-14 Dual Timer	0.41
◆	511 -	TS556CD	SO-14 Dual Timer	1.73
◆	511 -	NE556D	SO-14 Dual Timer	0.41
	511 -	TS556CN	DIP-14 Dual Timer	1.66
	333 -	KIA574	TO-92M Voltage Stabilizer	0.40
	595 -	SM601R	TO-66 5A 80V Sw Reg	8.65
	595 -	SM602R	TO-66 5A 100V Sw Reg	9.00
	595 -	SM610	TO-66 5A 60V Sw Reg	8.80
	595 -	SM611R	TO-66 5A 80V Sw Reg	8.65
	595 -	SM645K	TO-3 15A 60V Sw Reg	10.95
	511 -	L702B	DIP-16 Quad Darlington	3.04
	570 -	CA723CE	DIP-14 .15A Adj V Reg	0.49
	570 -	LM723CH	TO-5 .15A Adj V Reg	1.80
	511 -	LM723CH	TO-100 .15A Adj V Rg	1.31
	570 -	LM723CN	DIP-14 .15A Adj V Rg	0.49
	511 -	LM723CN	DIP-14 .15A Adj V Reg	0.48

Manufacturer	Prefix
Harris Semiconductor	570
Linfinity	595
NEC	551

Linear IC's

Manufacturer	Prefix
Rohm	592
SGS Thomson	511

◆ Surface Mount Device

For quantities greater than listed call for quote

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Linear Series			
570 -	CA723CT	TO-5 .15A Adj V Reg	1.59
570 -	LM723H	TO-5 .15A Adj V Reg	1.86
570 -	LM723N	DIP-14 .15A Adj V Reg	0.80
511 -	UA741CD	SO-8 Single Op Amp	0.60
570 -	CA741CE	DIP-8 Single Op Amp	0.51
570 -	LM741CH	TO-5 Single Op Amp	1.86
511 -	UA741CN	DIP-8 Single Op Amp	0.60
570 -	LM741CN	DIP-8 Single Op Amp	0.51
570 -	CA741CS	TO-5 Single Op Amp	1.98
570 -	CA741CT	TO-5 Single Op Amp	1.86
595 -	SG741CT	TO-99 Single Op Amp	1.35
570 -	CA741E	DIP-8 Single Op Amp	0.64
570 -	LM741H	TO-5 Single Op Amp	2.11
511 -	UA741ID	SO-8 Single Bipolar OpAmp	0.74
511 -	UA741IN	DIP-8 Single Bipolar OpAm	0.74
570 -	LM741N	DIP-8 Single Op Amp	0.66
592 -	BA14741	DIP-14 Quad Op Amp	0.59
511 -	UA748CD	SO-8 Single Bipolar OpAmp	0.64
511 -	UA748CN	DIP-8 SIngle Bipolar OpAm	0.64
570 -	LM748CN	DIP-8 Single Op Amp	0.59
511 -	UA776CD	SO-8 Single Bipolar OpAmp	0.87
511 -	UA776CN	DIP-8 Single Bipolar OpAm	0.87
511 -	UA776ID	SO-8 Single Bipolar OpAmp	1.06
511 -	UA776IN	DIP-8 Single Bipolar OpAm	1.22
511 -	LM833D	SO-8 Dual Bipolar Op Amp	0.90
511 -	LM883N	DIP-8 Dual Bipolar Op Amp	0.90
511 -	TS902ID	SO-14 Dual Op Amp	1.82
511 -	TS912IN	DIP-8 Dual Op Amp	1.63
511 -	TEB1033N	DIP-8 Dual Op Amp	1.22
511 -	TDA1175	DIP-14 TV Vert Defl Circ	2.53
551 -	UPC1318AV	V Dip-14 23W Af Pwr Amp	3.38
551 -	UPC1335V	V Dip-14 20W Dual Audio	2.90
570 -	CA1391E	DIP-8 TV Horz Proc	0.89
570 -	CA1394E	DIP-8 TV Horz Proc	1.54
595 -	SG1401J	DIP-14 Video Amp	4.05
595 -	SG1401T	TO-100 Video Amp	3.60
595 -	SG1402T	TO-100 Quad Multi	6.65
511 -	MC1458D	SO-8 Dual Op Amp	0.44
511 -	MC1458ID	SO-8 Dual Bipolar Op Amp	0.48
511 -	MC1458N	DIP-8 Dual Op Amp	0.48
511 -	MC1458IN	DIP-8 Dual Bipolar Op Amp	0.48
570 -	CA1458E	DIP-8 Dual Op Amp	0.57
570 -	LM1458N	DIP-8 Dual Op Amp	0.57
570 -	CA1458T	TO-5 Dual Op Amp	1.98
511 -	MC1488P	DIP-14 RS232 Driver	0.64
511 -	MC1489AP	DIP-14 Quad Line Rcvr	0.64
511 -	MC1489P	DIP-14 Quad Line Rcvr	0.64
570 -	CA1523E	DIP-14 V-Reg Cnt Cir	2.12
595 -	SG1526BJ	TO-116 Regulated Pwm	14.45
595 -	SG1548J	TO-116 Quad Pwr Mon	10.20
570 -	CA1558E	DIP-8 Dual Op Amp	1.20
570 -	CA1558T	TO-5 Dual Op Amp	2.11
595 -	SG1635AR	TO-66 Half Brdg Drvr	11.30
595 -	SG1635R	TO-66 Half Brdg Drvr	8.65
511 -	TDA1675A	TV Vert Defl Circuit	3.45
595 -	SG1842Y	Current Mode Pwm Cont	5.20
595 -	SG1844Y	Current Mode Pwm Cont	5.20
595 -	SG1845J	Current Mode Pwm Cont	6.05
511 -	TDA1910	10W 8 Ohm Audio Amp	3.45
511 -	ULN2001A	DIP-16 NPN Dar Array	0.53
595 -	SG2001N	DIP-16 NPN Dar Array	0.99
511 -	ULQ2001R	DIP-16 NPN Dar Array	0.94
511 -	ULN2002A	DIP-16 NPN Dar Array	0.53
511 -	TDA2002H	Pentawatt 8W Audio Amp	2.07
511 -	ULQ2002R	DIP-16 NPN Dar Array	0.94
511 -	ULN2003A	DIP-16 NPN Dar Array	0.53
511 -	ULN2004A	DIP-16 NPN Dar Array	0.53
511 -	ULN2064B	DIP-16 Quad 1.5A Dar	1.56
595 -	SG2064W	DIP-16 Quad 1.5A Dar	2.25
511 -	ULN2065B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2066B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2067B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2068B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2069B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2070B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2071B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2074B	DIP-16 Quad 1.5A Dar	1.56
595 -	SG2074W	DIP-16 Quad 1.5A Dar	2.25
511 -	ULN2075B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2076B	DIP-16 Quad 1.5A Dar	1.56
511 -	ULN2077B	DIP-16 Quad 1.5A Dar	1.56
570 -	CA2111AE	DIP-14 FM/IF Amp Lmtr	2.20
570 -	CA2136AE	DIP-14 FM/IF Quad Det	1.64
595 -	SG2173P	TO-220 Power Op Amp	15.20
595 -	SG2501AN	DIP-14 Dual Pol Reg	4.70
595 -	SG2503M	DIP-8 Prec 2.5V Ref	4.50
595 -	SG2503Y	DIP-8 Prec 2.5V Ref	5.75
570 -	CA2524E	DIP-16 Regulated PWM	1.54

For quantities greater than listed call for quote

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Linear Series (cont.)			
511 -	SG2524N	DIP-16 Regulated PWM	1.50
◆ 511 -	SG2524P	SO-16 Regulated PWM	1.50
511 -	SG2525AN	DIP-16 Regulated PWM	1.50
◆ 511 -	SG2525AP	SOJ-16 Regulated PWM	1.50
595 -	SG2526BJ	DIP-18 Regulated PWM	12.50
595 -	SG2526N	DIP-18 Regulated PWM	9.20
511 -	SG2527AN	DIP-16 Regulated PWM	1.50
595 -	SG2527AN	DIP-16 Regulated PWM	7.20
595 -	SG2532J	DIP-14 General Purp Reg	4.15
◆ 595 -	SG2543DW	SO-16 Power Sup Supvr	7.85
595 -	SG2549M	DIP-8 Current Sense Latch	5.05
511 -	TDA2593	DIP-16 TV Horz Defl Ckt.	2.12
595 -	SG2626M	DIP-8 Hi-Speed Mos Drv	3.95
595 -	SG2627J	DIP-14 Hi-Current Drvr	5.75
511 -	ULN2801A	DIP-18 NPN Dar Array	0.92
511 -	ULN2803A	DIP-18 NPN Dar Array	0.87
511 -	ULN2804A	DIP-18 NPN Dar Array	0.92
511 -	ULN2805A	DIP-18 NPN Dar Array	0.92
◆ 511 -	UC2842D	SOJ-14 Current Mode PWM	1.27
511 -	UC2842N	DIP-8 Current Mode PWM	1.27
595 -	SG2842Y	DIP-8 Current Mode PWM	4.50
◆ 511 -	UC2843D	SOJ-14 Current Mode PWM	1.27
511 -	UC2843N	DIP-14 Current Mode PWM	1.27
◆ 511 -	UC2844D	SOJ-14 Current Mode PWM	1.27
511 -	UC2844N	DIP-14 Current Mode PWM	1.27
◆ 511 -	UC2845D	SOJ-14 Current Mode PWM	1.27
511 -	UC2845N	DIP-8 Current Mode PWM	1.27
595 -	SG2846N	DIP-16 Current Mode PWM	8.55
◆ 511 -	LM2901D	SO-14 Quad Comparator	0.60
570 -	LM2901N	DIP-14 Quad Comparator	1.00
511 -	LM2901N	DIP-14 Quad Comparator	0.60
◆ 511 -	LM2902D	SO-14 Quad Bipolar OpAmp	0.60
570 -	LM2902N	DIP-14 Quad Op Amp	1.00
511 -	LM2902N	DIP-14 Quad Op Amp	0.60
◆ 511 -	LM2903D	SO-8 Dual Voltage Comp	0.60
511 -	LM2903N	DIP-8 Dual Voltage Comp	0.60
◆ 511 -	LM2904D	SO-8 Dual Bipolar Op Amp	0.60
570 -	CA2904E	DIP-8 Dual Operationl Amp	0.89
570 -	LM2904N	DIP-8 Dual Operationl Amp	0.89
511 -	LM2904N	DIP-8 Dual Operationl Amp	0.76
511 -	LM2930A	TO-220 .4A 5V Volt Reg	1.43
511 -	LM2931A	TO-220 .4A 5V Volt Reg	1.66
570 -	CA3010	TO-5 Widebnd GP Op Amp	6.79
570 -	CA3011	TO-5 Wideband Amps	3.00
570 -	CA3012	TO-5 Wideband Amps	3.41
570 -	CA3013	TO-5 Wideband Amp Discr	3.36
570 -	CA3014	TO-5 Amp-discriminator	4.24
570 -	CA3015A	TO-5 Widebnd GP Op Amp	8.54
570 -	CA3018A	TO-5 Trans Array	2.71
570 -	CA3020A	TO-5 Wideband Pwr Amp	4.39
570 -	CA3028A	TO-5 General Pur RF Amp	3.29
570 -	CA3028AS	TO-5 Diff/Cascade Amp	3.50
570 -	CA3028B	TO-5 General Pur RF Amp	3.68
570 -	CA3028BS	TO-5 Diff/Cascade Amp	3.87
570 -	CA3039	TO-5 Diode Array	3.09
570 -	CA3045	DIP-14 Transistor Array	7.08
570 -	CA3046	DIP-14 Transistor Array	0.70
570 -	CA3049T	TO-5 Differential Amp	5.41
570 -	CA3053	TO-5 Gen Pur RF Amp	1.86
570 -	CA3053E	DIP-8 Diff/Casc Amp	0.75
570 -	CA3054	DIP-14 Dual Diff Amp	1.04
570 -	CA3059	DIP-14 Zero Voltage Switch	1.36
570 -	CA3060E	DIP-16 Amplifier Array	5.14
570 -	CA3065	DIP-14 TV Sound IF Amp	1.04
570 -	CA3065E	DIP-14 TV Sound IF Amp	1.04
570 -	CA3068	TV Video IF System	3.30
570 -	CA3070	DIP-16 TV Chroma System	7.06
570 -	CA3071	Chroma Amp 2-Stage	5.50
570 -	CA3072	TV Chroma System	5.92
570 -	CA3078AS	DIL-8 Lo-Power Op Amp	4.64
570 -	CA3078AT	TO-5 Micro-Power Op Amp	4.45
570 -	CA3078E	DIP-8 Lo-Power Op Amp	1.79
570 -	CA3079	DIP-14 Zero Voltage Switch	0.95
570 -	CA3080A	TO-5 Variable Op Amp	2.96
570 -	CA3080E	DIP-8 Variable Op Amp	0.87
570 -	CA3080S	TO-5 Variable Op Amp	1.73
570 -	CA3081	DIP-16 NPN Trans Array	0.75
570 -	CA3081F	DIP-16 NPN Trans Array	1.86
570 -	CA3082	DIP-16 NPN Trans Array	0.95
570 -	CA3082F	DIP-16 NPN Trans Array	1.86
570 -	CA3083	DIP-16 NPN Trans Array	0.62
570 -	CA3083F	DIP-16 NPN Trans Array	1.86
570 -	CA3085	TO-5 Positive Voltage Reg	2.72
570 -	CA3085A	TO-5 Positive Voltage Reg	3.20
570 -	CA3085E	DIP-8 Positive Voltage Reg	1.78
570 -	CA3086	DIP-14 NPN Trans Array	0.64
570 -	CA3088E	DIP-16 GP Amp Array	2.92
570 -	CA3089E	DIP-16 FM IF System	1.39

For quantities greater than listed call for quote

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Linear Series (cont.)			
570 -	CA3094AE	DIP-8 Pwr/Sw/Amp	2.66
570 -	CA3094BT	TO-5 Pwr/Sw/Amp	4.32
570 -	CA3094E	DIP-8 Pwr/Sw/Amp	1.97
570 -	CA3096CE	DIP-16 NPN/PNP Tran Ary	1.39
570 -	CA3096E	DIP-16 NPN/PNP Tran Ary	2.75
570 -	CA3098E	DIP-8 Prog Schmitt Trig	2.32
570 -	CA3100E	DIP-8 Wideband Op Amp	2.42
570 -	CA3100S	TO-5 Wideband Op Amp	4.68
570 -	CA3100T	TO-5 Wideband Op Amp	4.39
570 -	CA3102E	DIP-14 Differential Amp	5.40
570 -	CA3126E	DIP-16 TV Chroma Procs	1.61
570 -	CA3126Q	DIP TV Chroma Procs	1.46
570 -	CA3127E	DIP-16 NPN Trans Array	4.21
570 -	CA3130AE	DIP-8 BIMOS Op Amp	1.73
570 -	CA3130AT	TO-5 BIMOS Op Amp	3.07
570 -	CA3130E	DIP-8 BIMOS Op Amp	1.25
570 -	CA3130S	TO-5 BIMOS Op Amp	2.27
570 -	CA3135E	Luminance Processor	5.92
570 -	CA3139E	TV Fine Tuning	6.77
570 -	CA3140AE	DIP-8 BIMOS Op Amp	0.98
570 -	CA3140AS	TO-5 BIMOS Op Amp	3.68
570 -	CA3140AT	TO-5 BIMOS Op Amp	3.50
570 -	CA3141E	DIP-16 Diode Array	1.84
570 -	CA3146AE	DIP-16 Hi-Volt Trans Array	1.98
570 -	CA3154E	DIP-16 Sync/AGC/Hz Pro	7.06
570 -	CA3160AE	DIP-8 BIMOS Op Amp	1.86
570 -	CA3160S	TO-5 BIMOS Op Amp	2.11
570 -	CA3160T	TO-5 BIMOS Op Amp	1.98
570 -	CA3161E	DIP-16 Decoder/Driver	1.87
570 -	CA3162E	DIP-16 A/D Converter	7.39
570 -	CA3163E	DIP-14 TV Prescale	7.06
570 -	CA3165E	DIP-8 Elec Switch Circ	3.52
570 -	CA3168E	DIP-24 Decoder/Driver	6.84
570 -	CA3169	Solenoid/Motor Driver	10.18
570 -	CA3170E	TV Chroma System	6.44
570 -	CA3172E	TV Chroma Demod	6.03
595 -	SG3173R	TO-66 Power Op Amp	12.50
570 -	CA3179E	DIP-14 Com Prescaler	7.06
570 -	CA3183AE	DIP-16 NPN Tran Array	1.86
◆ 595 -	SG3183D	Hi-Curr NPN Array	1.80
595 -	SG3183N	NPN Transistor Array	1.55
570 -	CA3189E	DIP-16 FM IF System	1.71
570 -	CA3193E	DIP-8 Prec Op Amp	1.25
570 -	CA3194E	DIP-24PAL Lum/Chrma Pro	12.23
570 -	CA3207E	DIP-22 BIMOS Sequn Drvr	9.65
570 -	CA3208E	DIP-22 BIMOS Latch Drvr	9.10
570 -	CA3210E	DIP-24 Horz/Vert Cntr	6.79
570 -	CA3217E	DIP-28 Chrma/Lum Proc	5.98
570 -	CA3218E	DIP-16 Horz/Vert Cntr	3.73
570 -	CA3223E	DIP-24 Horz/Vert Cntdn Sys	7.77
570 -	CA3227E	DIP-16 Hi-Freq Array	3.82
570 -	CA3228E	DIP-24 Speed-Control Syst	7.28
570 -	CA3232E	DIP-8 Div20 Prescaler	1.48
570 -	CA3236E	DIP-28 Horz/Vert Cntdn Drv	9.68
570 -	CA3240AE	DIP-8 BIMOS Op Amp	2.25
570 -	CA3240AE1	DIP-14 BIMOS Op Amp	3.61
570 -	CA3240E	DIP-8 BIMOS Op Amp	1.54
570 -	CA3240E1	DIP-14 BIMOS Op Amp	2.23
570 -	CA3242E	DIP-16 Quad-Gt Invt Drvr	3.70
570 -	CA3246E	DIP-14 Hi-Freq Array	2.96
570 -	CA3253E	DIP-24 Video Processor	9.17
570 -	CA3255E	DIP-24 Sync Gen 50Hz	13.33
570 -	CA3260E	DIP-8 Dual BIMOS Amp	1.98
570 -	CA3260S	TO-5 BIMOS OpAmp Di-Cn	3.09
570 -	CA3260T	TO-5 BIMOS Op Amp	2.96
570 -	CA3261E	DIP-18 AFC/Horz Osc	5.92
570 -	CA3262E	DIP-16 Quad-Gt Invt Drvr	3.48
570 -	CA3280AE	DIP-16 Dual Var Op Amp	7.27
570 -	CA3280E	DIP-16 Dual Var Op Amp	3.75
570 -	CA3290AE	DIP-14 Dual Voltage Comp	1.25
570 -	LM3302N	DIP-14 Quad Voltage Comp	0.82
511 -	MC3302N	DIP-14 Quad Voltage Comp	0.37
◆ 511 -	MC3303D	SO-14 Quad Bipolar OpAmp	0.85
511 -	MC3303N	DIP-14 Quad Bipolar OpAm	0.85
570 -	CA3304E	DIP-16 CMOS Ana/Dig Cnv	4.93
◆ 511 -	MC33078D	SO-8 Dual Bipolar Op Amp	0.99
511 -	MC33078N	DIP-8 Dual Bipolar Op Amp	0.99
570 -	CA3310E	DIP-24 10 Bit A/D Cnvrt	14.43
◆ 511 -	MC33171D	SO-8 SIngle Bipolar OpAmp	1.10
511 -	MC33171N	DIP-8 Single Bipolar OpAmp	1.10
◆ 511 -	MC33172D	SO-8 SIngle Bipolar OpAmp	1.77
511 -	MC33172N	DIP-8 Single Bipolar OpAmp	1.77
◆ 511 -	MC33174D	SO-14 Quad Bipolar OpAmp	2.42
511 -	MC33174N	DIP-14 Quad Bipolar OpAm	2.42
511 -	MC34001N	DIP-8 Single JFET Op Amp	0.76
◆ 511 -	MC34002D	SO-8 Dual JFET Op Amp	0.76
595 -	SG3402J	Quad Multiplier	3.15
511 -	MC34002N	DIP-8 Dual JFET Op Amp	0.76

Manufacturer	Prefix
EXL Semiconductor	333
Harris Semiconductor	570
Linfinity	595

Linear IC's

Manufacturer	Prefix
NEC	551
Rohm	592
SGS Thomson	511

◆ **Surface Mount Device**

For quantities greater than listed, call for quote.

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Linear Series			
511 -	**MC34004N**	DIP-14 Quad JFET Op Amp	**0.94**
595 -	**SG3402T**	Quad Multiplier	**2.90**
◆ 511 -	**MC3403D**	SO-14 Quad Bipolar OpAmp	**0.69**
570 -	**CA3410E**	DIP-16 Quad BIMOS Amp	**4.46**
570 -	**CA3420E**	DIP-8 Lo-Volt Supply	**1.86**
570-	**CA3440E**	DIP-8 BIMOS Amp 300mW	**0.80**
570 -	**CA3450E**	DIP-16 Hi-Spd Op Amp Drv	**5.53**
595 -	**SG3502N**	Adj Dual Pol Reg	**5.30**
595 -	**SG3503T**	Precision 2.5 Ref	**2.00**
595 -	**SG3509N**	Air Fault Detector	**7.65**
595 -	**SG3524BN**	Reg Pulse Width Mode	**1.60**
570 -	**CA3524E**	DIP-16 Reg Pulse Mode	**0.87**
511 -	**SG3524N**	DIP-16 Regulating PWM	**1.38**
◆ 511 -	**SG3524P**	SOJ-16 Regulating PWM	**1.38**
511 -	**SG3525AN**	DIP-16 Regulating PWM	**1.38**
◆ 511 -	**SG3525AP**	SOJ-16 Regulating PWM	**1.38**
511 -	**SG3527AN**	DIP-16 Regulating PWM	**1.38**
595 -	**SG3527AN**	Reg Pulse Width Mode	**2.05**
◆ 511 -	**SG3527AP**	SOJ-16 Regulating PWM	**1.38**
595 -	**SG3532T**	TO-96 General Pur Reg	**1.80**
595 -	**SG3540M**	DIP-8 Off-Line Controller	**2.25**
595 -	**SG3543J**	TO-116 Power Sup Supvr	**5.85**
595 -	**SG3548N**	DIP-16 Quad Power Mon	**4.50**
595 -	**SG3626R**	TO-66 Hi-Speed Mos Drv	**6.55**
595 -	**SG3626T**	TO-99 Hi-Speed Mos Drv	**3.40**
◆ 511 -	**TS3702CD**	SO-8 Dual Comparator	**1.13**
511 -	**TS3702CN**	DIP-8 Dual Comparator	**1.08**
◆ 511 -	**TS3702ID**	SO-8 Dual Comparator	**1.36**
511 -	**TS3702IN**	DIP-8 Dual Comparator	**1.29**
◆ 511 -	**TS3704CD**	SO-14 Quad Comparator	**1.70**
511 -	**TS3704CN**	DIP-14 Quad Comparator	**1.63**
◆ 511 -	**TS3704ID**	SO-14 Quad Comparator	**2.12**
511 -	**TS3704IN**	DIP-14 Quad Comparator	**2.05**
◆ 511 -	**UC3842D**	SOJ-14 Current Mode PWM	**1.15**
511 -	**UC3842N**	DIP-8 Current Mode PWM	**1.15**
◆ 511 -	**UC3843D**	SOJ-14 Current Mode PWM	**1.15**
◆ 595 -	**SG3843D**	Current Mode PWM Cont	**2.15**
511 -	**UC3843N**	DIP-14 Current Mode PWM	**1.15**
◆ 511 -	**UC3844D**	SOJ-14 Current Mode PWM	**1.15**
511 -	**UC3844N**	DIP-14 Current Mode PWM	**1.15**
◆ 511 -	**UC3845D**	SOJ-14 Current Mode PWM	**1.15**
511 -	**UC3845N**	DIP-14 Current Mode PWM	**1.15**
◆ 511 -	**TEB4033D**	SO-14 Quad Op Amp	**2.25**
511 -	**TEB4033N**	DIP-14 Quad Op Amp	**2.25**
◆ 511 -	**TEF4033D**	SO-14 Quad Op Amp	**4.25**
◆ 511 -	**MC4558CD**	SO-8 Dual Bipolar Op Amp	**0.67**
511 -	**MC4558CN**	DIP-8 Dual Bipolar Op Amp	**0.67**
◆ 511 -	**MC4558ID**	SO-8 Dual Bipolar Op Amp	**1.10**
333 -	**KIA4558P**	DIP-8 Dual Op Amp	**0.46**
◆ 333 -	**KIA4558F**	SO-8 Dual Op Amp	**0.48**
592 -	**BA4558**	DIP-8 Dual Operationl Amp	**0.46**
333 -	**KIA4559P**	DIP-8 Low Pwr Op Amp	**0.52**
592 -	**BA4560**	DIP8 Hi-Slew Rte Op Amp	**0.41**
333 -	**KIA6003S**	SIP-9 Differential Amp	**0.87**
333 -	**KIA6029Z**	ZIP-16 Diff Peak Detector	**1.74**
333 -	**KIA6035P**	DIP-20 AM Tuner Sys	**2.26**
333 -	**KIA6040P**	DIP-16 AM/FM IF Sys	**1.43**
333 -	**KIA6057P**	DIP-16 AM/FM IF Sys	**1.50**
570 -	**CA6078T**	Micropwr Operational Amp	**9.00**
511 -	**L6210**	DIP-16 Schottky Diode Arry	**2.25**
333 -	**KIA6225P**	DIP-8 Dual Preamp	**0.68**
333 -	**KIA6238P**	DIP-16 Single Preamp	**1.81**
333 -	**KIA6278P**	DIP-8 Single Power Amp	**0.87**
551 -	**UPD6307AGF**	Flat-54 128 SEG 20V LCD	**5.70**
551 -	**UPD6308AGF**	Flat-54 40 SEG LCD	**5.30**
551 -	**UPD6323AC**	DIP-28 20 SEG 25V LCD	**6.28**
570 -	**CA6741CS**	TO-5 DIL G/P Op Amp	**1.88**
551 -	**UPD6951C**	DIP-18 6-Bit 20MHz ADC	**5.33**
511 -	**TDA7220**	DIP-16 AM-FM Receiver	**2.53**
570 -	**CA7611E**	DIP-16 Vid IF Amp NPN	**1.95**
333 -	**78L005AP**	TO-92L +V Reg 150mA 5V	**0.43**
◆ 333 -	**78L05F**	SOT89 +V Reg 150mA 5V	**0.62**
333 -	**78L006AP**	TO-92L +V Reg 150mA 6V	**0.43**
◆ 333 -	**78L06F**	SOT89 +V Reg 150mA 6V	**0.62**
Linear Series (cont.)			
333 -	**78L008AP**	TO-92L +V Reg 150mA 8V	**0.43**
◆ 333 -	**78L08F**	SOT89 +V Reg 150mA 8V	**0.62**
333 -	**78L009AP**	TO-92L +V Reg 150mA 9V	**0.43**
◆ 333 -	**78L09F**	SOT89 +V Reg 150mA 9V	**0.62**
333 -	**78L010AP**	TO-92L +V Reg 150mA 10V	**0.43**
◆ 333 -	**78L10F**	SOT89 +V Reg 150mA 10V	**0.62**
333 -	**78L012AP**	TO-92L +V Reg 150mA 12V	**0.43**
◆ 333 -	**78L12F**	SOT89 +V Reg 150mA 12V	**0.62**
333 -	**78L015AP**	TO-92L +V Reg 150mA 15V	**0.43**
◆ 333 -	**78L15F**	SOT89 +V Reg 150mA 15V	**0.62**
333 -	**78L018AP**	TO-92L +V Reg 150mA 18V	**0.43**
◆ 333 -	**78L18F**	SOT89 +V Reg 150mA 18V	**0.62**
333 -	**78L020AP**	TO-92L +V Reg 150mA 20V	**0.43**
◆ 333 -	**78L20F**	SOT89 +V Reg 150mA 20V	**0.62**
333 -	**78L024AP**	TO-92L +V Reg 150mA 24V	**0.43**
◆ 333 -	**78L24F**	SOT89 +V Reg 150mA 24V	**0.62**
511 -	**L78M05CV**	TO-220 +V Reg .5A 5V	**0.58**
511 -	**L78M05CX**	SOT-82 +V Reg .5A 5V	**0.46**
511 -	**L78M06CV**	TO-220 +V Reg .5A 6V	**0.58**
511 -	**L78M08CV**	TO-220 +V Reg .5A 8V	**0.58**
511 -	**L78M12CV**	TO-220 +V Reg .5A 12V	**0.58**
511 -	**L78M12CX**	SOT-82 +V Reg .5A 12V	**0.46**
511 -	**L78M15CV**	TO-220 +V Reg .5A 15V	**0.58**
511 -	**L78M18CV**	TO-220 +V Reg .5A 18V	**0.58**
511 -	**L78M20CV**	TO-220 +V Reg .5A 20V	**0.58**
511 -	**L78M24CV**	TO-220 +V Reg .5A 24V	**0.48**
333 -	**78S05P**	TO-92 +V Reg 100mA 5V	**0.48**
511 -	**L78S05CT**	TO-3 +V Reg 2A 5V	**1.84**
511 -	**L78S05CV**	TO-220 +V Reg 2A 5V	**0.69**
333 -	**78S06P**	TO-92 +V Reg 100mA 6V	**0.48**
333 -	**78S08P**	TO-92 +V Reg 100mA 8V	**0.48**
333 -	**78S09P**	TO-92 +V Reg 100mA 9V	**0.48**
511 -	**L78S09CV**	TO-220 +V Reg 2A 9V	**0.69**
333 -	**78S10P**	TO-92 +V Reg 100mA 10V	**0.48**
511 -	**L78S10CV**	TO-220 +V Reg 2A 10V	**0.69**
333 -	**78S12P**	TO-92 + V Reg 100mA 12V	**0.48**
511 -	**L78S12CT**	TO-3 +V Reg 2A 12V	**1.84**
511 -	**L78S12CV**	TO-220 +V Reg 2A 12V	**0.69**
333 -	**78S15P**	TO-92 +V Reg 100mA 15V	**0.48**
511 -	**L78S15CV**	TO-220 +V Reg 2A 15V	**0.69**
511 -	**L78S18CT**	TO-3 +V Reg 2A 18V	**1.84**
511 -	**L78S18CV**	TO-220 +V Reg 2A 18V	**0.69**
333 -	**78S20P**	TO-92 +V Reg 100mA 20V	**0.48**
333 -	**78S24P**	TO-92 +V Reg 100mA 24V	**0.48**
511 -	**L78S24CT**	TO-3 +V Reg 2A 24V	**1.84**
511 -	**L78S75CV**	TO-220 +V Reg 2A 7.5V	**0.69**
333 -	**7805PI**	TO-220IS +V Reg 1A 5V	**0.60**
511 -	**L7805ACV**	TO-220 +V Reg 1A 5V	**0.67**
511 -	**L7805CT**	TO-3 +V Reg 1A 5V	**1.61**
511 -	**L7805CV**	TO-220 +V Reg 1.5A 5V	**0.60**
333 -	**7806PI**	TO-220IS +V Reg 1A 6V	**0.60**
595 -	**SG7806AK**	TO-3 +V Reg 6V	**19.05**
511 -	**L7806CV**	TO-220 +V Reg 1.5A 6V	**0.60**
333 -	**7808PI**	TO-220IS +V Reg 1A 8V	**0.60**
511 -	**L7808ACV**	TO-220 +V Reg 1A 8V	**0.67**
595 -	**SG7808AK**	TO-3 +V Reg 8V	**19.05**
595 -	**SG7808AT**	TO-39 +V Reg 8V	**18.20**
511 -	**L7808CV**	TO-220 +V Reg 1.5A 8V	**0.60**
333 -	**78009AP**	TO-220 +V Reg 1A 9V	**0.47**
333 -	**7812PI**	TO-220IS +V Reg 1A 12V	**0.60**
511 -	**L7812ACV**	TO-220 +V Reg 1A 12V	**0.67**
595 -	**SG7812AR**	TO-66 +V Reg 12V	**19.15**
511 -	**L7812CT**	TO-3 +V Reg 1.5A 12V	**1.61**
511 -	**L7812CV**	TO-220 +V Reg 1.5A 12V	**0.60**
595 -	**SG7812R**	TO-66 +V Reg 12V	**16.55**
333 -	**7815PI**	TO-220IS +V Reg 1A 15V	**0.60**
511 -	**L7815ACV**	TO-220 +V Reg 1A 15V	**0.67**
511 -	**L7815CT**	TO-3 +V Reg 1.5A 15V	**1.61**
511 -	**L7815CV**	TO-220 +V Reg 1.5A 15V	**0.60**
333 -	**7818PI**	TO-220IS +V Reg 1A 18V	**0.60**
511 -	**L7818ACV**	TO-220 +V Reg 1A 18V	**0.67**
595 -	**SG7818AK**	TO-3 +V Reg 18V	**19.05**
511 -	**L7818CT**	TO-3 +V Reg 1.5A 18V	**1.61**
511 -	**L7818CV**	TO-220 +V Reg 1.5A 18V	**0.60**
Linear Series (cont.)			
595 -	**SG7818CT**	TO-39 +V Reg 18V	**3.05**
511 -	**L7820CT**	TO-3 +V Reg 1.5A 20V	**1.61**
511 -	**L7820CV**	TO-220 +V Reg 1.5A 20V	**0.60**
333 -	**78024AP**	TO-220 +V Reg 1A 24V	**0.60**
511 -	**L7824ACV**	TO-220 +V Reg 1A 24V	**0.67**
595 -	**SG7824AK**	TO-3 +V Reg 24V	**19.05**
595 -	**SG7824AT**	TO-39 +V Reg 24V	**18.20**
511 -	**L7824CT**	TO-3 +V Reg 1.5A 24V	**1.61**
511 -	**L7824CV**	TO-220 +V Reg 1.5A 24V	**0.60**
595 -	**SG7824K**	TO-3 +V Reg 24V	**11.05**
595 -	**SG7824CT**	TO-39 +V Reg 24V	**3.05**
◆ 511 -	**TS902ID**	SO-14 Dual CMOS Op Amp	**1.82**
333 -	**79L05BP**	TO-92L -V Reg 150mA 5V	**0.55**
511 -	**L7905ACV**	TO-220 -V Reg 1.5A 5V	**0.74**
511 -	**L7905CT**	TO-3 -V Reg 1.5A 5V	**1.79**
511 -	**L7905CV**	TO-220 -V Reg 1.5A 5V	**0.67**
595 -	**SG7905.2K**	TO-3 -V Reg 5.2V	**8.95**
333 -	**79L06BP**	TO-92 -V Reg 150mA 6V	**0.55**
595 -	**SG7908AT**	TO-39 -V Reg 8V	**23.80**
511 -	**L7908CT**	TO-3 -V Reg 1.5A 8V	**1.79**
511 -	**L7908CV**	TO-220 -V Reg 1.5A 8V	**0.67**
595 -	**SG7908K**	TO-3 -V Reg 8V	**15.30**
511 -	**L7912ACV**	TO-220 -V Reg 1.5A 12V	**0.74**
595 -	**SG7912AK**	TO-3 -V Reg 12V	**7.20**
595 -	**SG7912AT**	TO-39 -V Reg 12V	**5.95**
511 -	**L7912CT**	TO-3 -V Reg 1.5A 12V	**1.79**
511 -	**L7912CV**	TO-220 -V Reg 1.5A 12V	**0.67**
595 -	**SG7912K**	TO-3 -V Reg 12V	**4.05**
511 -	**TS912IN**	DIP-8 Dual CMOS Op Amp	**1.63**
511 -	**L7915ACV**	TO-220 -V Reg 1.5A 15V	**0.74**
595 -	**SG7915AK**	TO-3 -V Reg 15V	**7.20**
511 -	**L7915CT**	TO-3 -V Reg 1.5A 15V	**1.79**
511 -	**L7915CV**	TO-220 -V Reg 1.5A 15V	**0.67**
595 -	**SG7915R**	TO-66 -V Reg 15V	**18.70**
595 -	**SG7918AK**	TO-3 -V Reg 18V	**25.50**
511 -	**L7918CT**	TO-3 -V Reg 1.5A 18V	**1.79**
511 -	**L7918CV**	TO-220 -V Reg 1.5A 18V	**0.67**
595 -	**SG7918CT**	TO-39 -V Reg 18V	**3.95**
511 -	**L7920CT**	TO-3 -V Reg 1.5A 20V	**1.79**
511 -	**L7920CV**	TO-220 -V Reg 1.5A 20V	**0.67**
511 -	**L7924CT**	TO-3 -V Reg 1.5A 24V	**1.79**
511 -	**L7924CV**	TO-220 -V Reg 1.5A 24V	**0.67**
511 -	**L7952CV**	TO-220 -V Reg 1A 5.2V	**0.55**
5163 -	**8044**	DIP-16 CMOS Keyer Ckt	**19.95**
5163 -	**8044ABM**	DIP-20 CMOS Keyer Ckt	**19.95**
592 -	**BA10324**	DIP-14 Quad Op Amp	**0.47**
592 -	**BA10324A**	DIP-14 Quad Op Amp	**0.55**
◆ 511 -	**TEB1033D**	SO-8 Dual Bipolar Op Amp	**1.22**
511 -	**TEB1033N**	DIP-8 Dual Bipolar Op Amp	**1.22**
592 -	**BA10339**	DIP-14 Quad Comp	**0.47**
592 -	**BA10358**	DIP-8 Low Power Dual Op	**0.47**
592 -	**BA10358N**	SIP-8 Dual Op Amp	**0.44**
592 -	**BA10393**	DIP-8 Dual Comparator	**0.46**
592 -	**BA10393N**	SIP-8 Dual Volt Comparator	**0.40**
592 -	**BA14741**	DIP-14 Quad Op Amp	**0.59**
592 -	**BA15532**	DIP-8 Dual Low Noise Op	**0.75**
595-	**SG29055AP**	Low Dropout Dual Reg	**3.40**
595 -	**SG29085P**	Low Dropout Dual Reg	**3.05**
◆ 511 -	**TEB4033D**	SO-14 Quad Bipolar OpAm	**2.25**
511 -	**TEB4033N**	DIP-14 Quad Bipolar OpAm	**2.25**
◆ 511 -	**TEF4033D**	SO-14 Quad Bipolar OpAm	**4.25**
595 -	**SG55451BY**	Dual Peripheral Driver	**1.80**
595 -	**SG55453BY**	Dual Peripheral Driver	**1.80**
595 -	**SG55461Y**	Dual Peripheral Driver	**2.05**
595 -	**SG55471Y**	Dual Peripheral Driver	**2.35**
333 -	**KID65001AP**	DIP-16 Darlington Driver	**0.62**
333 -	**KID65002AP**	DIP-16 Darlington Driver	**0.62**
333 -	**KID65003AP**	DIP-16 Darlington Driver	**0.62**
333 -	**KID65004AP**	DIP-16 Darlington Driver	**0.62**
551 -	**UPD72030G**	Single 5V Logic PS	**19.59**
595 -	**SG75453BY**	Dual Peripheral Driver	**1.45**
595 -	**SG75462Y**	Dual Peripheral Driver	**1.60**
595 -	**SG75463Y**	Dual Peripheral Driver	**1.60**
595 -	**SG75464Y**	Dual Peripheral Driver	**1.60**

Intersil IC's

For quantities greater than listed call for quote

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Intersil Series			
570 -	**AD590JH**	TO-52 Temp Transducer	**3.17**
570 -	**AD7523JN**	DIP-16 D/A Converter	**3.70**
Intersil Series (cont.)			
570 -	**ADC804LCN**	DIP-20 A/D Converter	**3.54**
570 -	**DG201BK**	DIP-16 G/P Analog Switch	**6.04**
Intersil Series (cont.)			
570 -	**DG201CJ**	DIP-16 G/P Analog Switch	**3.99**
570 -	**DG211CJ**	DIP-16 G/P Analog Switch	**2.37**

Manufacturer	Prefix
Curtis	5163

Intersil IC's

Manufacturer	Prefix
Harris Semiconductor	570

◆ **Surface Mount Device**

For quantities greater than listed, call for quote.

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Intersil Series			
570 -	DG212CJ	DIP-16 G/P Analog Switch	2.36
570 -	ICL232CPE	DIP-16 DualRecvr/Transmit	3.91
570 -	7104-14CPL	DIP-40 A/D Converter	44.37
570 -	ICL7106CPL	DIP-40 A/D Conv/Driver	6.42
570 -	ICL7107CPL	DIP-40 A/D Conv/Driver	6.42
570 -	ICL7109CPL	DIP-40 A/D Converter	9.25
570 -	7139CPL	DIP-40 Digital Multimeter IC	14.29
570 -	ICL7116CPL	DIP-40 A/D Conv/Driver	6.42
570 -	ICL7135CPI	DIP-28 A/D Conv/BCD	9.44
570 -	ICL7136CPL	DIP-40 A/D Converter	7.65
570 -	7216DIPI	DIP-28 Counter/Timer	24.83
570 -	7217BIJI	DIP-28 Up/Down Counter	11.11
570 -	7217CIPI	DIP-28 Up/Down Counter	9.80
570 -	7218DIJI	DIP-28 8-Digit LED Driver	7.60
570 -	7226AIJL	DIP-40 8-Digit Counter	34.62
570 -	ICL7611BCPA	DIP-8 Low-Power Op Amp	2.27
570 -	ICL7611BMTV	TO-99 Low-Power Op Amp	6.38
570 -	ICL7611DCPA	DIP-8 Low-Power Op Amp	0.97
570 -	ICL7621BCPA	DIP-8 G/P Operational Amp	8.66
570 -	ICL7621DCPA	DIP-8 G/P Operational Amp	1.43
570 -	ICL7641ECPD	DIP-14 G/P Operationl Amp	2.57
570 -	7650SCPAI	DIP-8 Super Chop Op Amp	2.83

For quantities greater than listed, call for quote.

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Intersil Series (cont.)			
◆ 570 -	ICL7660CBA	SO-8 Volt Converter	2.20
570 -	ICL7660CPA	DIP-8 Volt Converter	1.97
570 -	7660SCPA	DIP-8 Super Volt Converter	2.20
570 -	ICL7662CPA	DIP-8 Volt Converter	2.37
570 -	7663SCPA	DIP-8 Super Prog. Volt Reg	2.75
570 -	7665SCPA	DIP-8 Super Volt Detector	3.07
570 -	ICL7667CPA	DIP-8 Dual Power Driver	2.04
570 -	7673CPA	DIP-8 CMOS Batt Back-up	1.75
570 -	8038CCPD	DIP-14 Waveform Generatr	4.14
570 -	ICL8038CCJD	DIP-14 Volt Controlled Osc	5.38
570 -	8052CPD	DIP-14 14-bit A/D Convertr	11.58
570 -	ICL8069CCSQ	TO-52 Low-V 2-pin Refer	2.89
570 -	8069CCZR	TO-92 Low Volt Reference	2.00
570 -	ICL8069CMSQ	TO-52 Low-V 2-pin Refer	6.23
570 -	ICL8069DCSQ	TO-52 Low-V 2-pin Refer	2.00
570 -	ICL8069DCZR	TO-92 Low-V 2-pin Refer	1.66
570 -	ICL8069DMSQ	TO-52 Low-V 2-pin Refer	5.16
◆ 570 -	ICL8211CBA	SO-8 Prog Volt Detector	2.00
570 -	ICL8211CPA	DIP-8 Prog Volt Detector	1.79
570 -	ICL8212CPA	DIP-8 Prog Volt Detector	1.79
570 -	ICL710416CPL	DIP-40 A/D Converter	46.14
570 -	ICM7170IPG	DIP-24 Real Time Clock	14.20

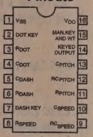
For quantities greater than listed, call for quote.

MOUSER NO.		Description	Price Each
Mfr.	Industry No.		1-99
Intersil Series (cont.)			
570 -	ICM7209IPA	DIP-8 Time Base Generator	4.82
570 -	ICM7211AMIPL	DIP-40 Display Driver	4.19
570 -	ICM7212AMIPL	DIP-40 Display Driver	4.32
570 -	ICM7217AIPI	DIP-28 Timer/Counter	9.83
570 -	ICM7217IJI	DIP-28 Timer/Counter	11.11
570 -	ICM7218AIJI	DIP-28 Display Driver	6.88
570 -	ICM7218BIJI	DIP-28 Display Driver	7.60
570 -	ICM7218CIJI	DIP-28 Display Driver	6.88
570 -	ICM7224IPL	DIP-40 Timer/Counter	10.93
570 -	ICM7232BFIPL	DIP-40 Display Driver	8.49
570 -	ICM7232CRIPL	DIP-40 Display Driver	7.91
570 -	ICM7555IPA	DIP-8 Timer/Counter	0.68
570 -	ICM7556IPD	DIP-14 Dual Timer/Counter	1.29
570 -	IH5010CPD	DIP-14 Virt Ground Switch	5.92
570 -	IH5012CPE	DIP-16 Virt Ground Switch	5.53
570 -	IH5018CPA	DIP-8 Virt Ground Switch	6.20
570 -	IH5020CPA	DIP-8 Virt Ground Switch	5.81
570 -	IH5043CPE	DIP-16 CMOS Analog Sw	5.37
570 -	IH6108CPE	DIP-16 CMOS Multiplexer	6.82
570 -	IM64021IPL	DIP-40 CMOS/LSI UART	6.99
570 -	IM6654IJG	DIP-24 512x8 UV-EPROM	20.69

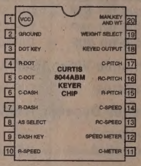
MORSE KEYER CMOS IC'S

The keyer is "transparent" when you use it and has an instant starting clock. Exhibits no idiosyncrasies, needs no "getting use to", and is also immune to bouncing or dirty contacts. Incorporates filters which eliminate the effects of key bounce on both make and break.

Pinouts



8044



8044ABM

Features:

- IAMBIC mode for squeeze keying
- Dynamic dot and dash memories
- Internal sidetone generator
- Low impedance inputs for R.F. Immunity
- Double diode protected inputs

Specifications:

- 5V to 9V supply voltage
- For single or twin lever paddle
- Quiescent current: less than 50µA @ 5VDC
- Dot-space-dash ratio: 1:1:3

Applications:

- Build home-brew mini keyer
- Build into your QRP "RIG"

MOUSER STOCK NO.	Description	IAMBIC Type	Price Each		
			1	10	20
5163-8044	DIP-16 CMOS Keyer Circuit	A	19.95	13.75	Call
5163-8044ABM	DIP-20 CMOS Keyer Circuit	A or B	19.95	13.75	

1995 IC MASTER

The all new 1995 IC Master has been updated, revised, and expanded from cover-to-cover again for 1995. Only the IC Master gives you comprehensive and reliable coverage of today's IC marketplace. This allows you to keep pace with the emerging technologies of tomorrow.

Features:

- Voltage Regulators expanded with new data on tolerances
- Re-organized and expanded data on Clocks, Synthesizers, and Prescalers
- Updated and revised data on Voltage References, Voltage Sensors, and Voltage Detectors
- Microprocessor Development Systems completely reformatted with new entries
- Application Note Directory expanded to over 4,000 notes, including more than 1,000 new application notes
- New section on PLD/SRAM
- New categories in Converters... DC-DC/AC-DC/AC-AC/DC-AC
- New section on Pulse-Width Modulators

Expanded Sections and All New Data

IC MASTER
1995

20,000 New Devices

Parameter search data on a total of more than 105,000 commercially available IC's.

Book (3-Volume Set)

MOUSER STOCK NO.	Price Each
5872-ICM-95	165.95

1995 IC MASTER ALTERNATE SOURCE DIRECTORY

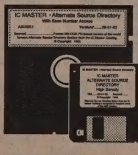
This MS-DOS PC-based version of the world famous Alternate Source Directory Section from the IC Master Catalog. Designed for frequent users of the ASD Section, the ICMASD provides fast and easy cross-reference look ups. The user can customize the database by adding or deleting device listings, and by adding comments to any device listing. The 1995 database contains 106,000 devices, cross-referenced and verified for fit, form, and function. It includes a complete Manufacturers and Distributors Directory.

(THIS SET OF DISKS DOES NOT CONTAIN TECHNICAL SPECIFICATIONS OR DATA SHEETS).

Computer Requirements:

- Requires an IBM PC/XT/AT or compatible computer with a hard disk drive
- Must have 640K RAM with 6 MB of disk space available
- EGA or VGA display
- Requires MS-DOS 2.1 or higher
- Is available on 3-1/2" or 5-1/4" high density disks

Note: This disk does not include all data from the three volume IC Master, only the Alternate Source Directory Section.


IC MASTER • Alternate Source Directory
IC MASTER ALTERNATE SOURCE DIRECTORY

ICMASD Software

MOUSER STOCK NO.	Disk Size	Price Each
5872-ASD-95/350	3 1/2"	179.50
5872-ASD-95/525	5 1/4"	179.50

1995 IC MASTER CD-ROM PLUS

This MS-DOS PC-based software is designed for users that prefer all their data in an electronic format. CD-ROM Plus combines the IC Master catalog, the Directory of IC Manufacturers' Data Pages and the Alternate Source Directory on a single compact disk. For added convenience, the CD-ROM Plus includes a powerful Inquiry Generation and Tracking program, as well the ability to search for a device by device number, base number with wildcard capability.

Computer Requirements:

- Requires an IBM PC/XT/AT or compatible computer with a hard disk drive
- Must have 640K RAM
- ISO9660 CD-ROM reader
- EGA or VGA display
- Requires MS-DOS 3.x or higher
- Microsoft CD-ROM Extensions 2.0 or higher (MSCDEX)
- Printing requires a dot matrix printer for text; HP Laserjet or compatible for data pages
- Includes MS-DOS and Windows versions

IC MASTER
CD-ROM PLUS
MS DOS
disc

ICMASD Software

MOUSER STOCK NO.	Price Each
5872-CDROM-95	495.00

Manufacturer	Prefix
NEC	551
NTE	526

RAMS and EPROMS

Manufacturer	Prefix
SGS Thomson	511

◆ **Surface Mount Device**

For quantities greater than listed call for quote

MOUSER NO.		Package	Description	Price Each
Mfr.	Industry No.			1-99
Fast Static RAMS				
511 -	IMS1203P-25S	DIP-18	4K x 1 Fast Static RAM 25nS	3.12
511 -	IMS1203P-35S	DIP-18	4K x 1 Fast Static RAM 35nS	2.99
511 -	IMS1203P-45S	DIP-18	4K x 1 Fast Static RAM 45nS	2.99
511 -	IMS1620P-45S	DIP-22	16K x 4 Fast Static RAM 45nS	3.38
2100 Series RAMS				
526 -	NTE2102	DIP-16	1K x 1 NMOS Static RAM 350nS	2.77
526 -	NTE2104	DIP-16	4K x 1 NMOS Static RAM 200nS	7.61
526 -	NTE2107	DIP-22	4K x 1 NMOS Dynamic RAM 200nS	6.34
526 -	NTE2114	DIP-18	4K x 1 NMOS Static RAM 300nS	5.17
526 -	NTE2117	DIP-16	16K x 1 NMOS Dynamic RAM 200nS	3.57
526 -	NTE2147	DIP-18	4K x 1 NMOS Static RAM 55nS	6.73
2532 EPROM				
526 -	NTE2532	DIP-24	32K (4K x 8) NMOS EPROM 300nS	19.04
2700 / 27000 Series EPROMS				
511 -	M2716F1	DIP-24	16K (2Kx8) NMOS UV EPROM 450nS	6.67
511 -	M27161F1	DIP-24	16K (2Kx8) NMOS UV EPROM 350nS	6.79
511 -	M2732A-2F1	DIP-24	32K (4K x 8) NMOS UV EPROM 200nS	6.44
511 -	M2732A-F1	DIP-24	32K (4K x 8) NMOS UV EPROM 250nS	6.44
511 -	M2732A-3F1	DIP-24	32K (4K x 8) NMOS UV EPROM 300nS	6.44
511 -	M2732A-4F1	DIP-24	32K (4K x 8) NMOS UV EPROM 450nS	6.44
511 -	M2764A-1F1	DIP-28	64K (8K x 8) NMOS UV EPROM 180nS	5.06
511 -	M2764A-2F1	DIP-28	64K (8K x 8) NMOS UV EPROM 200nS	5.06
511 -	M2764AF1	DIP-28	64K (8K x 8) NMOS UV EPROM 250nS	5.06
511 -	M2764A-3F1	DIP-28	64K (8K x 8) NMOS UV EPROM 300nS	5.06
511 -	M2764A-4F1	DIP-28	64K (8K x 8) NMOS UV EPROM 400nS	5.06
511 -	ST2764A-20	DIP-28	64K (8K x 8) NMOS 1 Time Prog ROM 200nS	4.49
511 -	ST2764A-25	DIP-28	64K (8K x 8) NMOS 1 Time Prog ROM 250nS	4.37
511 -	M27128A-2F1	DIP-28	128K (16K x 8) NMOS UV EPROM 200nS	5.18
511 -	ST27128A-20	DIP-28	128K (16K x 8) 1 Time Prog ROM 250nS	5.18
511 -	M27128A-F1	DIP-28	128K (16K x 8) NMOS UV EPROM 250nS	5.06
511 -	ST27128A-25	DIP-28	128K (16K x 8) 1 Time Prog ROM 250nS	4.95
511 -	M27128A-3F1	DIP-28	128K (16K x 8) NMOS UV EPROM 300nS	5.06
511 -	M27128A-4F1	DIP-28	128K (16K x 8) NMOS UV EPROM 450nS	5.06
511 -	M27256-1F1	DIP-28	256K (32K x 8) NMOS UV EPROM 170nS	6.90
511 -	M27256-2F1	DIP-28	256K (32K x 8) NMOS UV EPROM 200nS	6.90
511 -	M27256-F1	DIP-28	256K (32K x 8) NMOS UV EPROM 250nS	6.90
511 -	ST27256-25	DIP-28	256K (32K x 8) One Time Prog ROM 250nS	4.83
511 -	M27256-3F1	DIP-28	256K (32K x 8) NMOS UV EPROM 300nS	6.90
511 -	M27256-4F1	DIP-28	256K (32K x 8) NMOS UV EPROM 450nS	6.90
511 -	M27512-F1	DIP-28	512K (64K x 8) NMOS UV EPROM 250nS	8.05
511 -	M27512-2F1	DIP-28	512K (64K x 8) NMOS UV EPROM 200nS	8.17
511 -	M27C64A-20F	DIP-28	64K (8K x 8) CMOS UV EPROM 200nS	4.14
511 -	M27C64A-25F	DIP-28	64K (8K x 8) CMOS UV EPROM 250nS	4.14
511 -	M27C256B-10F	DIP-28	256K (32K x 8) CMOS UV EPROM 100nS	4.14
511 -	M27C256B-12F	DIP-28	256K (32K x 8) CMOS UV EPROM 120nS	3.91
511 -	M27C256B-15F	DIP-28	256K (32K x 8) CMOS UV EPROM 150nS	3.91
511 -	M27C256B-20F	DIP-28	256K (32K x 8) CMOS UV EPROM 200nS	3.91
511 -	M27C512-10F	DIP-28	512K (64K x 8) CMOS UV EPROM 100nS	4.39
511 -	M27C512-12F	DIP-28	512K (64K x 8) CMOS UV EPROM 120nS	4.14
511 -	M27C512-15F	DIP-28	512K (64K x 8) CMOS UV EPROM 150nS	4.14
511 -	M27C512-20F	DIP-28	512K (64K x 8) CMOS UV EPROM 200nS	4.14
511 -	M27C1001-10F	DIP-32	1M (128K x 8) CMOS UV EPROM 100nS	6.44
511 -	M27C1001-12F	DIP-32	1M (128K x 8) CMOS UV EPROM 120nS	5.98
511 -	M27C1001-15F	DIP-32	1M (128K x 8) CMOS UV EPROM 150nS	5.98
511 -	M27C1001-20F	DIP-32	1M (128K x 8) CMOS UV EPROM 200nS	5.98
511 -	M27C1001-25F	DIP-32	1M (128K x 8) CMOS UV EPROM 250nS	7.94
511 -	M27C1024-12F	DIP-40	1M (64K x 16) CMOS UV EPROM 120nS	8.74
511 -	M27C1024-15F	DIP-40	1M (64K x 16) CMOS UV EPROM 150nS	8.74
511 -	M27C1024-20F	DIP-40	1M (64K x 16) CMOS UV EPROM 200nS	8.74
511 -	M27C1024-20	DIP-40	1M (64K x 16) CMOS UV EPROM 200nS	9.52
511 -	M27C2001-10F	DIP-32	2M (256K x 8) CMOS UV EPROM 100nS	11.04
511 -	M27C2001-12F	DIP-32	2M (256K x 8) CMOS UV EPROM 120nS	10.58
511 -	M27C2001-15F	DIP-32	2M (256K x 8) CMOS UV EPROM 150nS	10.58
511 -	M27C2001-20F	DIP-32	2M (256K x 8) CMOS UV EPROM 200nS	10.58
511 -	M27C4001-10F	DIP-32	4M (512K x 8) CMOS UV EPROM 100nS	19.55
511 -	M27C4001-12F	DIP-32	4M (512K x 8) CMOS UV EPROM 120nS	18.63
511 -	M27C4001-15F	DIP-32	4M (512K x 8) CMOS UV EPROM 150nS	18.63
511 -	M27C4002-10F	DIP-40	4M (256K x 16) CMOS UV EPROM 100nS	22.89
511 -	M27C4002-12F	DIP-40	4M (256K x 16) CMOS UV EPROM 120nS	21.62
511 -	M27C4002-15F	DIP-40	4M (256K x 16) CMOS UV EPROM 150nS	21.62
I2C Bus EEPROMS				
511 -	ST24C01B	DIP-8	1K (128 x 8) CMOS EEPROM	1.04
◆ 511 -	ST24C01M	SO-8	1K (128 x 8) CMOS EEPROM	1.04
511 -	ST24C02AB	DIP-8	2K (256 x 8) CMOS EEPROM	1.38
◆ 511 -	ST24C02AM	SO-8	2K (256 x 8) CMOS EEPROM	1.38
511 -	ST24C04B	DIP-8	4K (2 by 256 x 8) CMOS EEPROM	1.84
◆ 511 -	ST24C04ML	SO-14	4K (2 by 256 x 8) CMOS EEPROM	1.84
511 -	ST24C08B	DIP-8	8K (4 by 256 x 8) CMOS EEPROM	2.30
◆ 511 -	ST24C08CM	SO-8	8K (4 by 256 x 8) CMOS EEPROM	2.30
511 -	ST24C16CB	DIP-8	16K (8 by 256 x 8) CMOS EEPROM	2.99
◆ 511 -	ST24C16CML	SO-14	16K (8 by 256 x 8) CMOS EEPROM	2.65

For quantities greater than listed call for quote

MOUSER NO.		Package	Description	Price Each
Mfr.	Industry No.			1-99
28C Series EEPROMS				
551 -	28C04C20	DIP-24	4K (512 x 8) CMOS EEPROM 200nS	4.45
◆ 551 -	28C04G20	SO-24	4K (512 x 8) CMOS EEPROM 200nS	4.45
511 -	M28C64C-20P	DIP-28	64K (8K x 8) CMOS 200nS	7.48
◆ 511 -	M28C64C-20M	SO-28	64K (8K x 8) CMOS 200nS	7.48
511 -	M28C64C-20K	PLCC-32	64K (8K x 8) CMOS 200nS	7.48
551 -	28C64ACZ20	DIP-28	64K (8K x 8) CMOS EEPROM 200nS	8.50
551 -	28C256CZ20	DIP-28	256K (32K x 8) CMOS EEPROM 200nS	24.00
Microwire Bus EEPROMS				
511 -	ST93C06B	DIP-8	256 (16 x 16 or 32 x 8) CMOS EEPROM	0.92
◆ 511 -	ST93C06M	SO-8	256 (16 x 16 or 32 x 8) CMOS EEPROM	0.92
511 -	ST93C46AB	DIP-8	1K (64 x 16 or 128 x 8) CMOS EEPROM	1.04
◆ 511 -	ST93C46AM	SO-8	1K (64 x 16 or 128 x 8) CMOS EEPROM	1.04
511 -	ST93CS46B	DIP-8	1K (64 x 16) CMOS EEPROM	1.04
◆ 511 -	ST93CS46M	SO-8	1K (64 x 16) CMOS EEPROM	1.04
511 -	ST93CS56B	DIP-8	2K (128 x 16) CMOS EEPROM	1.38
◆ 511 -	ST93CS56M	SO-8	2K (128 x 16) CMOS EEPROM	1.38
511 -	ST93CS66B	DIP-8	4K (256 x 16) CMOS EEPROM	1.84
◆ 511 -	ST93CS66ML	SO-14	4K (256 x 16) CMOS EEPROM	1.84
Flash EPROMS				
511 -	M28F256A-12B	DIP-32	256K (32K x 8) CMOS 120nS	11.41
511 -	M28F256A-12C	PLCC-32	256K (32K x 8) CMOS 120nS	11.41
511 -	M28F256A-15B	DIP-32	256K (32K x 8) CMOS 150nS	10.35
511 -	M28F256A-15C	PLCC-32	256K (32K x 8) CMOS 150nS	8.74
511 -	M28F512-12B	DIP-32	512K (64K x 8) CMOS 120nS	9.66
511 -	M28F512-15B	DIP-32	512K (64K x 8) CMOS 150nS	9.66
511 -	M28F101-12P	DIP-32	1M (128K x 8) CMOS 120nS	10.93
511 -	M28F101-15P	DIP-32	1M (128K x 8) CMOS 150nS	10.93
511 -	M28F101-20P	DIP-32	1M (128K x 8) CMOS 200nS	10.93
4164 Dynamic Video RAM				
526 -	NTE4164	DIP-16	64K Dynamic RAM - NMOS 150nS	8.31
41000 Series Dynamic RAMS				
551 -	41256C10	DIP-16	256K (256K x 1) NMOS DRAM 100nS	3.53
551 -	41464C10	DIP-18	256K (64K x 4) NMOS DRAM 100nS	3.78
43000 Series CMOS Static RAMS				
◆ 551 -	43256AGU-12L	SOIC-28	32K x 8 CMOS Static RAM 120nS	6.07
551 -	43256BCZ70L	DIP-28	256K (32K x 8) CMOS 70nS	4.86
◆ 551 -	43256BGU70L	SO-28	256K (32K x 8) CMOS 70nS	4.86
551 -	43256BCZ70LL	DIP-28	256K (32K x 8) LP CMOS 70nS	5.02
◆ 551 -	43256BGU85L	SO-28	256K (32K x 8) CMOS 85nS	4.78
◆ 551 -	43256BGU85LL	SO-28	256K (32K x 8) LP CMOS 85nS	5.12
551 -	431000ACZ70L	DIP-32	1M (128K x 8) CMOS 70nS	16.00
◆ 551 -	431000AGW70L	SO-32	1M (128K x 8) CMOS 70nS	16.00
551 -	431000ACZ85L	DIP-32	1M (128K x 8) CMOS 85nS	15.20
◆ 551 -	431000AGW85L	SO-32	1M (128K x 8) CMOS 85nS	15.20
MK41H Series SRAMS				
511 -	MK41H66-35	DIP-20	16K x 1 CMOS Static RAM 35nS	5.52
511 -	MK41H68-20	DIP-20	4K x 4 CMOS Static RAM 20nS	11.73
511 -	MK41H68-35	DIP-20	4K x 4 CMOS Static RAM 35nS	5.52
Very Fast Cache TAGRAM™				
511 -	MK41S80N12	DIP-22	16K (4K x4) CMOS TAGRAM 12ns	18.35
511 -	MK41S80N15	DIP-22	16K (4K x4) CMOS TAGRAM 15ns	12.60
511 -	MK41S80N20	DIP-22	16K (4K x4) CMOS TAGRAM 20ns	11.48
511 -	MK41S80N25	DIP-22	16K (4K x4) CMOS TAGRAM 25ns	6.99
MK4500 / MK45H00 Series FIFOS				
511 -	MK4503-65	DIP-28	2K x 9 CMOS BIPORT FIFO 65nS	17.09
511 -	MK4503-80	DIP-28	2K x 9 CMOS BIPORT FIFO 80nS	16.51
511 -	MK4503-100	DIP-28	2K x 9 CMOS BIPORT FIFO 100nS	16.10
511 -	MK4503-120	DIP-28	2K x 9 CMOS BIPORT FIFO 120nS	15.48
511 -	MK4503-150	DIP-28	2K x 9 CMOS BIPORT FIFO 150nS	15.18
511 -	MK4503-200	DIP-28	2K x 9 CMOS BIPORT FIFO 200nS	14.38
511 -	MK45H03-25	DIP-28	2K x 9 High Speed CMOS FIFO 25nS	12.70
511 -	MK45H03-35	DIP-28	2K x 9 High Speed CMOS FIFO 35nS	12.05
511 -	MK45H03-50	DIP-28	2K x 9 High Speed CMOS FIFO 50nS	11.41
48000 Series Video RAMS				
◆ 551 -	482234LE70	SOJ-40	2M (256K x 8) Fast Page VRAM 70nS	19.52
◆ 551 -	482234LE80	SOJ-40	2M (256K x 8) Fast Page VRAM 80nS	20.80
◆ 551 -	482234G570	SOP-44	2M (256K x 8) Fast Page VRAM 70nS	21.44
◆ 551 -	482234G580	SOP-44	2M (256K x 8) Fast Page VRAM 80nS	21.12
◆ 551 -	482235LE70	SOJ-40	2M (256K x 8) Hyperpage VRAM 70nS	19.68
◆ 551 -	482235LE80	SOJ-40	2M (256K x 8) Hyperpage VRAM 80nS	21.12
◆ 551 -	482235G570	SOP-44	2M (256K x 8) Hyperpage VRAM 70nS	21.44
◆ 551 -	482235G580	SOP-44	2M (256K x 8) Hyperpage VRAM 80nS	21.12
TIMEKEEPER™ SRAMS Clock With Battery				
511 -	M48T0212PC1	DIP-24	16K (2K x 8) CMOS SRAM 120nS	20.80
511 -	MK48T02B15	DIP-24	16K (2K x 8) CMOS SRAM 150nS	17.60
511 -	MK48T02B20	DIP-24	16K (2K x 8) CMOS SRAM 200nS	16.00

RAMS and EPROMS / Universal Programmers and Adaptors

Manufacturer	Prefix
NTE	526

For quantities greater than listed call for quote

MOUSER NO. Mfr.	MOUSER NO. Industry No.	Package	Description	Price Each 1-99
TIMEKEEPER™ SRAMS Clock With Battery (cont.)				
511 -	M48T0220PC1	DIP-24	16K (2K x 8) CMOS SRAM 200nS	16.00
511 -	MK48T08B10	DIP-24	64K (8K x 8) CMOS SRAM 100nS	23.12
511 -	MK48T08B15	DIP-24	64K (8K x 8) CMOS SRAM 150nS	19.92
ZEROPOWER™ SRAMS With Battery				
511 -	MK48Z02B12	DIP-24	16K (2K x 8) CMOS SRAM 120nS	10.80
511 -	MK48Z02B15	DIP-24	16K (2K x 8) CMOS SRAM 150nS	7.92
511 -	MK48Z02B20	DIP-24	16K (2K x 8) CMOS SRAM 200nS	7.52
511 -	M48Z0220PC1	DIP-24	16K (2K x 8) CMOS SRAM 200nS	7.52
511 -	M48Z0810PC1	DIP-28	64K (8K x 8) CMOS SRAM 100nS	11.12
511 -	MK48Z09B10	DIP-28	64K (8K x 8) CMOS SRAM 100nS	13.60

Manufacturer	Prefix
SGS Thomson	511

♦ **Surface Mount Device**

For quantities greater than listed call for quote

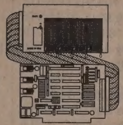
	MOUSER NO. Mfr.	MOUSER NO. Industry No.	Package	Description	Price Each 1-99
	65101 CMOS SRAM				
	526 -	NTE65101	DIP-22	1K Static RAM - NMOS 450nS	14.80
	Very Fast CMOS SRAMS				
♦	511 -	M628032-15E	SO-28	256K (32K x 8) CMOS SRAM 15nS	9.43
	511 -	M628032-15P	DIP-28	256K (32K x 8) CMOS SRAM 15nS	9.43
♦	511 -	M628032-20E	SO-28	256K (32K x 8) CMOS SRAM 20nS	8.95
	511 -	M628032-20P	DIP-28	256K (32K x 8) CMOS SRAM 20nS	8.95
♦	511 -	M628128-17E	SO-32	1M (128K x 8) CMOS SRAM 17nS	52.88
♦	511 -	M628128-20E	SO-32	1M (128K x 8) CMOS SRAM 20nS	38.46
♦	511 -	M628128-25E	SO-32	1M (128K x 8) CMOS SRAM 25nS	34.85

Electronic Engineering Tools
tools

EPROM / EEPROM, MICROCONTROLLER PROGRAMMERS AND ADAPTORS

For IBM PC/XT/AT/386/486 or Compatible

A



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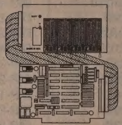

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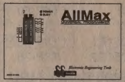

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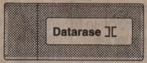

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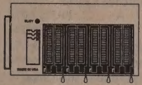

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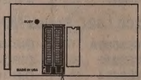


G

TO PRINTER
AM-PRT
TO ALLMAX

(For use with *AllMax* ONLY)

I

pplies to All Units

ystem Requirements:

Type: IBM PC/XT/AT/386/486 or compatible including most clones
A hard disk drive is recommended for software installation
DOS 2.11 or later

oftware Features:

Device commands: File Load/Save, Blank Check, Program, Verify, Read, Check Sum, Encryption, Select Device, Buffer Edit, Buffer Clear, ffer Fill, DOS Shell, Set Configuration
Auto-device search
Manages 8, 16, and 32 bit data split
User-friendly menu-driven software with F1 Help key
5.25" disk with installation and operational software
User's guide and warranty
FREE lifetime software updates

omMax

eneral Features:

Programs all EPROMs, EEPROMs, including high-speed flash memories up to 8 M-byte
Multiple device programming
Reliable and fast programming with intelligent, quick pulse and flash programming algorithms
Supports Binary, Intel Hex, Motorola S, and Tektronik Hex File Formats

vice Support:

NMOS/CMOS EPROMs (2716. . . 27C040)
EEPROMs (2816. . . 28010)
Page mode EEPROMs (27C513, 27C011)
Flash E(E)PROMS (28F256. . . 28F020)

vice Support with RM-875 Adaptor:

0 pin E(E)PROMs
6 bit and PLCC type available upon request

ProMax Universal Programmer

Features:

- 48 universal pin configuration provides flexibility to program most devices from IC manufacturers
- Fastest programming with IC vendor approved algorithms
- Full screen menu operates by simple keystroke commands or mouse
- Supports JEDEC, Intel Hex, Motorola S Records, Binary, ASCII, etc.
- Manages 16 and 32 bit data split
- Built-in full-screen editor for buffer data and test vectors
- Extensive on line F1 Help system provides text and graphics
- Device operations: Read, Blank Check, Program, Verify, Checksum, ID Test, Security Fuses
- System operations: File Load, File Save, Edit Data, Set Address, Change Device, Macros for Batch File
- One year warranty covers parts and labor
- Comes "ready to use" with laptop or notebook computers

System Requirements:

- Type: IBM PC/XT/AT/386/486 or compatible including portable, laptop, or notebook computer
- Memory: 512K
- I/O port: standard parallel port (LPT1, LPT2 or LPT3)

AllMax Universal Programmer

Software Features:

- Auto devices search select function supports E(E)PROMs and Microcontrollers
- Device insertion test identifies improperly inserted device before programming
- Built-in editor for both buffer date and test vectors
- Support JEDEC, Intel Hex, Motorola S Records, Tekhex and binary file formats

Hardware Features:

- Hardware is designed to minimize additional adaptors usage for regular DIP type devices
- Current limiting protects hardware circuit from improperly inserted or defective chips and operation errors
- 48-pin ZIF (Zero Insertion Force) socket accepts both 300 mil & 600 mil DIP devices up to 48 pins
- Hardware diagnostics and calibration of all 48 pins:
  -Logic level
  -Voltage source (V1, V2, V3)
  -Ground test
- 3 groups of programmable D/A voltage source
- Programming and verification times with 486-33 MHz PC:
  -27C010A-23 seconds
  -28F020-43 seconds
  -27C040-115 seconds

Device Support:

- EPROMS: 2716 - 27C080 (8BIT)
- EPROMS: 27C210 - 27C240 (16BIT), 27C400 - 27C800 (16BIT)
- Flash: 28F256A - 28F020 (8BIT)
- Microcontrollers: 8741, 42, 48, 49, C51, C51FX, 8751 and 87C751, 87C752
- Serial EPROMs: 24CXX, 94CXX
- PLD, GAL, PALCE: 16V8, 20V8, 22V10
- Other special devices:
  ATMEL: 89C51
  TI: TMS7742
  MICROCHIP: PIC16CXX
  ZILOG: Z86E08 - Z86E40
- Future devices: Motorola: MC68705 Series
  Motorola: MC68HCXXX Series
- Programming speeds with 386-33MHz PC:
  -27C010A: 23 seconds
  -28C020: 34 seconds
  -27C040: 90 seconds

Device Support:

- PAL, EPLD, GAL, RAL, EEPLD, FPLA
- PROM: 27S..., 74S..., 82S..., 87S...
- EPROM: 2716 - 27C016 (8BIT), 27C400 - 27C1600 (16BIT)
- Flash: 28F256 - 28F040 (8BIT)
- Microcontroller: 8741, 42, 48, C51, C51FX, 8751, 87C751/752, PIC16CXX, Z86EXX
- Serial EPROM: 24CXX, 93CXX, 94CXX

System Requirements:

- Type: IBM PC/XT/AT/386/486 or compatible
- Laptop or notebook computer with AM-PRT adaptor
- I/O Ports
  -Plug-in card: one of the locations from 200 to 2EO (Hex)
  -AM-PRT: Standard Parallel Port (LPT1 or LPT2)

ogrammers

MOUSER STOCK NO.	Fig.	Description	Price Each 1	Price Each 5
9-ROMMAX	A	PC based EPROM programmer	159.00	Call For Quote
9-ROMMAX-4G	B	4 gang EPROM programmer	219.00	
9-PROMAX	C	ProMax Universal Programmer	495.00	
9-ALLMAX	D	AllMax Universal Programmer	595.00	
laptors				
9-RM4G	E	Rommax 4 gang adaptor	95.00	Call
9-RM-875X	F	Adaptor for 87XX and 87CXX	85.00	

Adaptor for AllMax Programmer

MOUSER STOCK NO.	Fig.	Description	Price Each 1	Price Each 5
549-AM-PRT	G	AM-PRT adaptor (3.6" x 7.0" x 2.3")	185.00	Call

Erasers

MOUSER STOCK NO.	Fig.	Description	Price Each 1	Price Each 5
549-DATARASE	H	UV eraser for 4 EPROMS	39.00	Call
549-LA6T	I	UV eraser for 9 EPROMS	85.00	

Manufacturer	Prefix
Harris Semiconductor	570
NEC	551

Microprocessors and Peripheral IC's

Manufacturer	Prefix
NTE	526
SGS Thomson	511

For quantities greater than listed call for quote

MOUSER NO.		Package	Description	Price Each
Mfr.	Industry No.			1-99
CDP 1800 Series MPU, Components				
570 -	CDP1802BCE	DIP-40	Microprocessor Unit 5 MHz	13.22
570 -	CDP1805ACE	DIP-40	Microprocessor Unit 6.4 MHz	24.19
570 -	CDP1822CE	DIP-22	1K (256 x 4) Asynchronous RAM 450nS	7.92
570 -	CDP1823CE	DIP-24	1K (128 x 8) Asynchronous RAM 450nS	14.16
570 -	CDP1824CE	DIP-18	256 (32 x 8) Asynchronous RAM 700nS	4.82
570 -	CDP1826CE	DIP-22	512 (64 x 8) Asynchronous RAM 710nS	6.99
570 -	CDP1851CE	DIP-40	Programmable Input/Output Interface	11.14
570 -	CDP1852CE	DIP-24	Byte Wide Input/Output Port	6.78
570 -	CDP1853CE	DIP-16	"N" Bit 1 - of - 8 Decoder	4.20
570 -	CDP1854ACE	DIP-40	Programmable UART 4.6V	6.88
570 -	CDP1855CE	DIP-28	8 Bit Programmable Multiply/Divide Unit	13.42
570-	CDP1871ACE	DIP-40	Keyboard Encoder	6.46
570 -	CDP1874CE	DIP-22	High-speed 8 Bit Input Port	7.50
570 -	CDP1875CE	DIP-22	High-speed 8 Bit Output Port	7.82
570 -	CDP1877CE	DIP-28	Programmable Interrupt Controller	10.30
570 -	CDP1878 CE	DIP-28	Dual Counter Timer	13.73
3880 Microprocessor				
526 -	NTE3880	DIP-40	8 Bit NMOS Microprocessor 4 MHz	23.20
6500 / 65C Series MPU, Peripherals				
526 -	NTE6502	DIP-40	8 Bit NMOS Microprocessor 1 MHz	14.00
526 -	NTE6507	DIP-28	8 Bit NMOS Microprocessor with clock 1 MHz	9.28
570 -	CDP65C51E1	DIP-28	Async Comm Interface Adaptor 1 MHz	3.91
570 -	CDP65C51E2	DIP-28	Async Comm Interface Adaptor 2 MHz	4.50
6800 / 68B / 6800 Series MPU, Peripherals				
526 -	NTE6800	DIP-40	8 Bit NMOS Microprocessor 1 MHz	15.92
511 -	TS68000CP10	DIP-64	16 Bit NMOS Microprocessor 10 MHz	10.70
511 -	TS68000CP8	DIP-64	16 Bit NMOS Microprocessor 8 MHz	9.20
526 -	NTE6809	DIP-40	8 Bit NMOS Microprocessor	22.30
526 -	NTE6809E	DIP-40	8 Bit NMOS Microprocessor	22.30
511 -	EF6809P	DIP-40	High-Performance Microprocessor 1 MHz	4.49
526 -	NTE6810	DIP-24	1K Static RAM 450nS	7.95
526 -	NTE6821	DIP-40	NMOS Peripheral Interface Adaptor 1 MHz	8.29
511 -	EF6821P	DIP-40	Peripheral Interface Adaptor 1 MHz	2.25
511 -	EF6840P	DIP-28	NMOS Programmable Timer 1 MHz	2.67
526 -	NTE6850	DIP-24	Async Comm Interface Adaptor 1 MHz	8.38
511 -	EF6850P	DIP-24	Async Comm Interface Adaptor 1 MHz	2.28
511 -	EF6854P	DIP-28	Advanced Data Link Controller 1 MHz	3.75
526 -	NTE6875	DIP-16	NMOS Two-phase Clock Generator/Driver	15.85
511 -	EF68B09P	DIP-40	High Performance Microprocessor 2 MHz	5.70
511 -	EF68B21P	DIP-40	Peripheral Interface Adaptor 2 MHz	2.76
511 -	EF68B40P	DIP-28	Programmable Timer 2 MHz	3.11
511 -	EF68B50P	DIP-24	Async Communications Interface 2 MHz	2.53
511 -	EF68B54P	DIP-28	Advanced Data Linkcontroller 2 MHz	4.72
7000 V-Series CMOS MPU, Microcomputers				
551 -	70108C8	DIP-40	V20 16 Bit CMOS Microprocessor 8 MHz	8.00
551 -	70108C10	DIP-40	V20 16 Bit CMOS Microprocessor 10 MHz	9.60
551 -	70108HC12	DIP-40	V20H 16 Bit CMOS Microprocessor 12 MHz	12.48
551 -	70108HC16	DIP-40	V20H 16 Bit CMOS Microprocessor 16 MHz	13.32

For quantities greater than listed call for quote

MOUSER NO.		Package	Description	Price Each
Mfr.	Industry No.			1-99
7000 V-Series CMOS MPU, Microcomputers (cont.)				
551 -	70116C8	DIP-40	V30 16 Bit CMOS Microprocessor 8 MHz	13.30
551 -	70116C10	DIP-40	V30 16 Bit CMOS Microprocessor 10 MHz	14.90
551 -	70116HC12	DIP-40	V30H 16 Bit CMOS Microprocessor 12 MHz	19.65
551 -	70116HC16	DIP-40	V30H 16 Bit CMOS Microprocessor 16 MHz	22.46
551 -	70320L5	PLCC-84	V25 16 Bit CMOS Microcomputer 5 MHz	22.08
551 -	70320L8	PLCC-84	V25 16 Bit CMOS Microcomputer 8 MHz	23.04
551 -	70325L8	PLCC-84	V25 + 16 Bit CMOS Microcomputer 8 MHz	23.36
551 -	70325L10	PLCC-84	V25 + 16 Bit CMOS Microcomputer 10 MHz	25.60
551 -	70208L8	PLCC-68	V40 8/16 Bit CMOS MPU 8 MHz	19.20
551 -	70208L10	PLCC-68	V40 8/16 Bit CMOS MPU 10 MHz	22.08
551 -	70216L8	PLCC-68	V40 16 Bit CMOS MPU 8 MHz	21.12
551 -	70216L10	PLCC-68	V50 16 Bit CMOS MPU 10 MHz	24.00
7100 Series CMOS Peripherals				
551 -	71037C	DIP-40	Direct Memory Access Controller 10 MHz	5.49
551 -	71051C	DIP-28	Serial Control Unit 8 MHz	3.20
551 -	71051C10	DIP-28	Serial Control Unit 10 MHz	3.31
551 -	71054C	DIP-24	Programmable Timer/counter 8 MHz	2.88
551 -	71054C10	DIP-24	Programmable Timer/counter 10 MHz	3.28
551 -	71055C	DIP-40	Parallel Interface Unit 8 MHz	2.65
551 -	71055C10	DIP-40	Parallel Interface Unit 10 MHz	3.33
551 -	71059C	DIP-28	Interrupt Control Unit 8 MHz	3.04
551 -	71059C10	DIP-28	Interrupt Control Unit 10 MHz	3.52
551 -	71071C	DIP-48	8/16 Bit Direct Memory Access Control 10 MHz	11.00
551 -	71082C	DIP-20	8 Bit Non-Inverted Latch	4.35
551 -	71083C	DIP-20	8 Bit Inverted Latch	4.16
551 -	71084C	DIP-18	Clock Pulse Generator/Driver 8 MHz	3.76
551 -	71086C	DIP-20	8 Bit Non-Inverted Bus Buffer/Driver	4.16
551 -	71087C	DIP-20	8 Bit Inverted Bus Buffer/Driver	4.16
551 -	71088C	DIP-20	System Bus Controller 8 MHz	6.21
8000 / 8200 / 82C Series MPU, Peripherals				
526 -	NTE8080A	DIP-40	8 Bit NMOS Microprocessor 2 MHz	11.86
526 -	NTE8212	DIP-24	8 Bit Schottky Input/Output Port	4.76
526 -	NTE8224	DIP-16	Schottky Clock Generator and Driver	5.27
526 -	NTE8228	DIP-28	Schottky Single Chip System Controller	8.99
570 -	CDP82C50A5	DIP-40	Async Communication Element	15.36
570 -	CDP82C55A	DIP-40	Programmable Peripheral Interface	6.39
Programmable Logic Devices				
511 -	GAL20V8AS-15	DIP-24	CMOS Generic Array Logic 15nS	3.80
Z80 / 80A / 80B / Z8000 Series MPU, Peripherals				
511 -	Z8001	DIP-48	16 Bit Segmented CPU 4 MHz	12.50
511 -	Z8001A	DIP-48	16 Bit Segmented CPU 6 MHz	14.10
511 -	Z8002	DIP-40	16 Bit Non-Segmented CPU 4 MHz	10.50
511 -	Z8442AB	DIP-40	Z80 Serial Input/output Controller 4 MHz	2.99
511 -	Z84C00AB	DIP-40	Z80C CPU CMOS Version 4 MHz	2.80
511 -	Z84C20AB	DIP-40	Z80C Parallel Input/Output-CMOS	2.80
511 -	Z84C30AB	DIP-28	Z80C Four-Channel Counter/Timer-CMOS	2.80
511 -	Z8530A	DIP-40	Serial Communications Controller 6 MHz	8.04
511 -	Z8531A	DIP-40	Async Serial Comm Controller 6 MHz	5.99

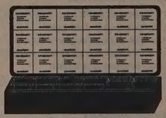
VOLTAGE REGULATOR IC KIT

Features:

- 72 pieces
- 18 different devices
- Fully assembled and keyed

MOUSER STOCK NO.	Description	Price Each
370-VRG-1	**4 Each:** 7805, 7805A, 78S05, 78M05, 7905, 7808, 7908, 7812, 7812A, 78S12, 7912, 7815A, 7915A, 7818, 7918, LM317T, LM337SP and LM723CN	59.95

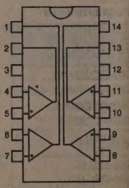
LINEAR IC KIT



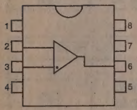
Features:

- 76 pieces
- 18 different devices
- Fully assembled and keyed
- Packaged in a sturdy, conductive, plastic storage box

MOUSER STOCK NO.	Description	Price Each
370-LIN-1	**5 Each:** LM311, LM324, LM339, LF353, LM358, LM393, NE555, NE556, MC1488, MC1489, ULN2003A **3 Each:** LF347, LF356, LM741, LM1458, CA3130, CA3140, CA3059	69.95



SGS-THOMSON MICROELECTRONICS CMOS



CMOS OP-Amps and comparators feature Internal Electrostatic Discharge (ESD) Protection Circuits. The comparators have a high input impedance, and the CMOS Timers provide low power consumption.

HARRIS SEMICONDUCTOR Optoelectronics

HARRIS · RCA · GE · INTERSIL

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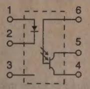

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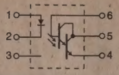

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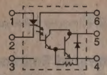

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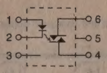

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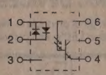

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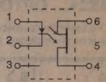

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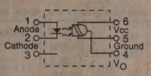

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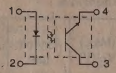

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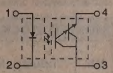

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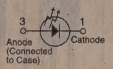

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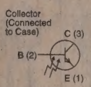

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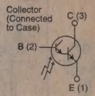


Outstanding performance means two things: dependable isolation and high coupling efficiency. What's more, Harris isolators attain this kind of performance without sacrificing long life, a claim based on years of reliable testing, giving us an edge on competition. When outstanding performance and long life are important, Harris is the first choice for high-quality optoelectronics.

* = UL Recognized (File # E51868)
** = UL Recognized (File # E51868) and VDE Approved (Cert # 35025)
+ = Voltage Peak

Photo Transistor Output

Industry Type	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (µSEC)	Price Each 1	100	500	1000
4N25	570-4N25	A	2500 +	30	2/2	.68	.61	.55	
4N25A	570-4N25A	A	1775	30	2/2	.70	.63	.57	
4N26	570-4N26	A	1500 +	30	2/2	.68	.61	.55	
4N27	570-4N27	A	1500 +	30	2/2	.66	.59	.53	Call
4N28	570-4N28	A	500 +	30	2/2	.62	.57	.52	For
4N35	570-4N35	A	2500	30	5/5	.68	.61	.55	Quote
4N36	570-4N36	A	1750	30	5/5	.48	.44	.41	
4N37	570-4N37	A	1050	30	5/5	.62	.57	.52	
CNY17 I	570-CNY17 I	A	3000	70	5/5	.62	.57	.52	
CNY17 II	570-CNY17 II	A	3000	70	5/5	.62	.57	.52	
CNY17 III	570-CNY17 III	A	3000	70	5/5	.66	.59	.53	
CNY17 IV	570-CNY17 IV	A	3000	70	5/5	.66	.61	.56	
H11A1	570-H11A1	A	2500	30	2/2	.54	.50	.46	
H11A2	570-H11A2	A	2500	30	2/2	.52	.48	.44	
H11A3	570-H11A3	A	2500	30	2/2	.52	.48	.44	
H11A4	570-H11A4	A	2500	30	2/2	.50	.46	.42	
H11A5	570-H11A5	A	2500	30	2/2	.55	.50	.45	
H11A5100	570-H11A5100	A	4000	30	5/5	.57	.51	.46	
H11AV1	570-H11AV1	A	4000	70	15/15	.96	.88	.81	
H11AV2	570-H11AV2	A	4000	70	15/15	.82	.75	.69	Call
H11AV3	570-H11AV3	A	4000	70	15/15	.80	.74	.68	For
H24A1	570-H24A1	H	4242	30	9/4	1.92	1.73	1.56	Quote
MCT2	570-MCT2	A	2500	30	5/5	.80	.74	.68	
MCT2E	570-MCT2E	A	2500	30	5/5	.70	.63	.51	
MCT210	570-MCT210	A	2500	30	5/5	1.43	1.29	1.16	

High Voltage Photo Transistor Output

4N38	570-4N38	A	1500 +	80	5/5	.89	.80	.72	Call For Quote
4N38A	570-4N38A	A	2500 +	80	5/5	.89	.80	.72	
H11D1	570-H11D1	A	4000	300	5/5	.93	.84	.76	
H11D2	570-H11D2	A	2500	300	5/5	.95	.86	.77	

Photo Darlington Output

Industry Type	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (µSEC)	Price Each 1	100	500	1000
4N29	570-4N29	B	2500 +	30	5/40	.84	.76	.68	Call
4N30	570-4N30	B	1500 +	30	5/40	.79	.71	.64	For
4N31	570-4N31	B	1500 +	30	5/40	.79	.71	.64	Quote
4N32	570-4N32	B	2500 +	30	5/100	.91	.82	.74	
4N33	570-4N33	B	1500 +	30	5/100	.71	.65	.60	
H11B1	570-H11B1	B	4000	25	125/100	.77	.69	.62	
H11B2	570-H11B2	B	4000	25	125/100	.73	.66	.59	
H11B3	570-H11B3	B	4000	25	125/100	.71	.64	.58	
H11B255	570-H11B255	B	2500	55	125/100	.91	.82	.74	
H24B1	570-H24B1	I	4242	30	106/60	2.00	1.80	1.62	
MCA230	570-MCA230	B	2500	30	5/100	.84	.76	.68	Call
MCA231	570-MCA231	B	2500	30	5/100	.87	.76	.71	For
MCA255	570-MCA255	B	2500	55	5/100	.87	.76	.71	Quote

High Voltage Photo Darlington Output

H11G1	570-H11G1	C	4000	100	5/100	.84	.76	.68	Call
H11G2	570-H11G2	C	4000	80	5/100	.82	.74	.67	For
H11G3	570-H11G3	C	2500	55	5/100	.77	.69	.62	Quote

Triac Driver Output

Industry Type	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	Maximum LF Trigger	Minimum Blocking Voltage	Price Each 1	100	500	1000
H11J1	570-H11J1	D	4000	10mA	250	1.14	1.03	.93	Call
H11J3	570-H11J3	D	2500	10mA	250	1.14	1.03	.93	

Programmable Threshold Isolator

Industry Type	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (µSEC)	Price Each 1	100	500	1000
H11A10	570-H11A10	A	2500	30	5/5	.79	.71	.64	Call

AC Input Isolator

Industry Type	MOUSER STOCK NO.	Fig.	Surge Isolation Voltage (VRMS)	Current Transfer Ratio (Min.)	ICEO (nA) Max.	Price Each 1	100	500	1000
* H11AA1	570-H11AA1	E	1770	20%	100	1.05	.97	.89	Call
* H11AA2	570-H11AA2	E	1770	10%	200	1.09	1.00	.92	For
* H11AA4	570-H11AA4	E	1770	100%	100	1.15	1.03	.93	Quote

Bilateral Output (Analog FET)

Industry Type	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	Break-down Voltage	Typical Rise/Fall (µSEC)	Price Each 1	100	500	1000
H11F1	570-H11F1	F	2500	30	15/15	2.80	2.52	2.27	Call
H11F3	570-H11F3	F	2500	15	15/15	1.60	1.44	1.30	

Schmitt Trigger Output

Industry Type	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	I_F(On) Max. (mA)	Operating Voltage Min/Max	Price Each 1	100	500	1000
** H11N2	570-H11N2	G	4000	5.0	4V/15V	3.91	3.52	3.17	Call
** H11N3	570-H11N3	G	2500	10.0	4V/15V	2.87	2.64	2.43	

PHOTON COUPLED INTERRUPTER MODULES

Photo Transistor Output

Industry Type	MOUSER STOCK NO.	Fig.	Forward Voltage I_F=60mA	BV CEO (V)	Typical t_{on}/t_{off} (µSEC)	Price Each 1	100	500	1000
H21A1	570-H21A1	H	1.7 Max.	30	8.0/50	1.71	1.54	1.39	Call
H22A1	570-H22A1	H	1.7 Max.	30	8.0/50	1.43	1.32	1.21	

Photo Darlington Output

H21B1	570-H21B1	I	1.7 Max.	30	45/250	1.58	1.42	1.28	Call

MATCHED EMITTER DETECTOR PAIRS

Photo Transistor Output

Industry Type	MOUSER STOCK NO.	Fig.	Forward Voltage I_F=60mA	BV CEO (V)	Typical Rise/Fall (µSEC)	Price Each 1	100	500	1000
H23A1	570-H23A1	H	1.7 Max.	30	8/50	1.06	.96	.86	Call

Photo Darlington Output

H23B1	570-H23B1	I	1.7 Max.	30	45/250	1.15	1.03	.93	Call

INFRARED EMITTING DIODES

For quantities greater than listed, call for quote.

Industry Type	MOUSER STOCK NO.	Fig.	Min. Power Output	Max. Fwd Volt	Peak Emission Wave-Length	Pkg.	Price Each 1	100	500
F5D1	570-F5D1	J	12mW	1.7V	880nm	TO-18	2.07	1.86	1.67
F5E1	570-F5E1	J	12mW	1.7V	880nm	TO-18	2.07	1.86	1.67
F5F1	570-F5F1	J	.28mW/SR	1.7V	940nm	TO-18	.77	.69	.62
LED55BF	570-LED55BF	J	3.5mW	1.7V	940nm	TO-18	1.54	1.42	1.30
LED55C	570-LED55C	J	5.4mW	1.7V	940nm	TO-18	1.57	1.44	1.33
- - - - - - -	351-2201	J	0.5mW	1.5V	940nm	T-1 3/4	1.18	.91	.83

PHOTO DETECTORS

Photo Transistors

For quantities greater than listed, call for quote.

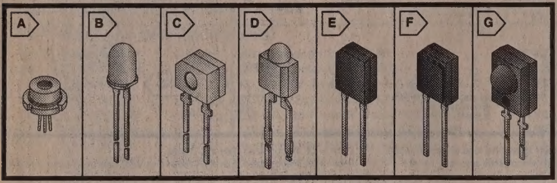
Industry Type	MOUSER STOCK NO.	Fig.	Power Dissi-pation	BV CEO (V)	Typical t_{on}/t_{off} (µSEC)	Pkg.	Price Each 1	100	500
L14G2	570-L14G2	K	300mW	45	8/7	TO-18	1.58	1.42	1.28
L14G3	570-L14G3	K	300mW	45	8/7	TO-18	1.86	1.68	1.51
L14Q1	570-L14Q1	K	150mW	30	8/50	- - - -	.46	.41	.33
- - - - - - -	351-2202	K	100mW	30	3/3	T-1 3/4	1.18	.91	.83

Photo Darlington

Industry Type	MOUSER STOCK NO.	Fig.	Power Dissi-pation	BV CEO (V)	Typical Rise/Fall (µSEC)	Price Each 1	100	500	1000
L14F1	570-L14F1	L	300mW	12	300/250	2.16	1.94	1.75	Call

NEC OPTOELECTRONIC DEVICES

NEC optoelectronic devices offer a broad range of products to meet many industrial and consumer applications. These devices include visible laser diodes, avalanche photo diodes, photo diodes, infrared LED's, and optocouplers.



Laser Diodes

These NEC laser diodes offer the customer three choices, which should meet most customers needs. Typical applications for these diodes range from bar code readers to laser pointers. Each device has an internal PIN detector.

Features:

- 2,000 times more visible than 780nm laser diodes
- No high voltage supply required
- Internal pin detector

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Power Max (mW)	Current		Wave-length λ_p (nm)	Reverse Voltage V_R (V)	Price Each	
Mfr.	Industry No.			I_{th} (mA) (Typ.)	I_{op} (mA) (Typ.)			1	5
551-	NDL3200	A	4.0	80	85	670	30	21.00	19.32
551-	NDL3210	A	6.0	50	60	670	2	26.00	23.92
551-	NDL3220	A	3.0	20	30	670	2	28.00	25.76

Infrared Emitting Diodes

This offering of NEC infrared emitting diodes gives the customer a wide choice in infrared products that will meet many industrial and consumer applications. Applications for these devices would be for remote control products, smoke detectors, optical encoders, and many more.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	(Max.) V_F (V)	t_{on}/t_{off} (µs)	P_D (mW)	Wave-length λ_p (nm)	Output Power (Typ.) (mW)	Price Each	
Mfr.	Industry No.							1	100
551 -	SE303A-C	B	1.4	1.0/1.0	150	940	8.0	.24	.23
551 -	SE307-C	B	1.4	1.0/1.0	150	940	30.0/sr	.37	.36
551 -	SE308	C	1.4	1.0/1.0	100	940	0.85/sr	.37	.36
551-	SE310	D	1.4	1.0/1.0	100	940	11.0/sr	.42	.41
551 -	SE313	B	1.45	1.0/1.0	150	940	25.0	.42	.41
551 -	SE1003-C	B	1.45	1.0/1.0	150	950	20.0/sr	.42	.41

Photodiodes

These NEC Photo Diodes with a PIN structure have a wide photo-receiving area and high speed response, enabling applications for various remote controlling applications. The resin material itself used for the package has filter effect to pass only infrared light.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	(Max.) V_R (V)	t_r/t_f (ns) Typ.	P_D (mW)	Wave-length λ_p (nm)	Dark Current I_R (nA)	Price Each	
Mfr.	Industry No.							1	100
551 -	PH302	E	32	50	150	940	30	.82	.81
551 -	PH302B	F	32	50	150	940	30	1.40	1.37
551 -	PH310	G	32	30	150	990	10	.54	.53

NEC OPTOISOLATORS

Features:

- High isolation voltage
- High current transfer ratio
- High speed switching
- Low cost

Applications:

Can be used as an interface circuit for various instrumentations and control equipment in the following:

- AC line / digital logic
- Digital logic / digital logic
- Twisted pair line receiver
- Telephone / telegraph line receiver

◆ Surface Mount Devices

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.		Fig.	Pkg.	I_F (mA)	BV_{CEO} (V)	V_{ECO} (V)	Typical Rise/Fall t_r, t_f (µs)	Power Dissipation P_D (mW/Unit)	Price Each		
	Mfr.	Industry No.								1	100	500
	551 -	PS2501-1	A	DIP-4	80	80	7	3.0/5.0	150	.38	.37	.36
	551 -	PS2501-2	B	DIP-8	80	80	7	3.0/5.0	120	.76	.74	.71
	551 -	PS2501-4	C	DIP-16	80	80	7	3.0/5.0	120	1.52	1.49	1.43
◆	551 -	PS2501L-1	A	SOP-4	80	80	7	3.0/5.0	150	.42	.41	.39
◆	551 -	PS2501L-2	B	SOP-8	80	80	7	3.0/5.0	120	.83	.81	.78
◆	551 -	PS2501L-4	C	SOP-16	80	80	7	3.0/5.0	120	1.68	1.65	1.58
	551 -	PS2502-1	D	DIP-4	80	40	6	100/100	150	.56	.55	.53
	551 -	PS2502-2	E	DIP-8	80	40	6	100/100	120	1.12	1.10	1.06
	551 -	PS2502-4	F	DIP-16	80	40	6	100/100	120	2.24	2.20	2.12
◆	551 -	PS2502L-1	D	SOP-4	80	40	6	100/100	150	.60	.58	.56
◆	551 -	PS2502L-2	E	SOP-8	80	40	6	100/100	120	1.20	1.18	1.13
	551 -	PS2505-1	G	DIP-4	80	80	7	3.0/5.0	150	.40	.39	.38
	551 -	PS2505-2	H	DIP-8	80	80	7	3.0/5.0	120	.80	.78	.75
	551 -	PS2505-4	I	DIP-16	80	80	7	3.0/5.0	120	1.60	1.57	1.51
◆	551 -	PS2505L-1	G	SOP-4	80	80	7	3.0/5.0	150	.44	.43	.42
◆	551 -	PS2505L-2	H	SOP-8	80	80	7	3.0/5.0	120	.88	.86	.83
	551 -	PS2506-1	J	DIP-4	80	40	6	100/100	150	.63	.61	.59
	551 -	PS2506-2	K	DIP-8	80	40	6	100/100	120	1.24	1.22	1.17
	551 -	PS2506-4	L	DIP-16	80	40	6	100/100	120	2.48	2.43	2.34
◆	551 -	PS2506L-1	J	SOP-4	80	40	6	100/100	150	.66	.65	.62
◆	551 -	PS2506L-2	K	SOP-8	80	40	6	100/100	120	1.32	1.29	1.25

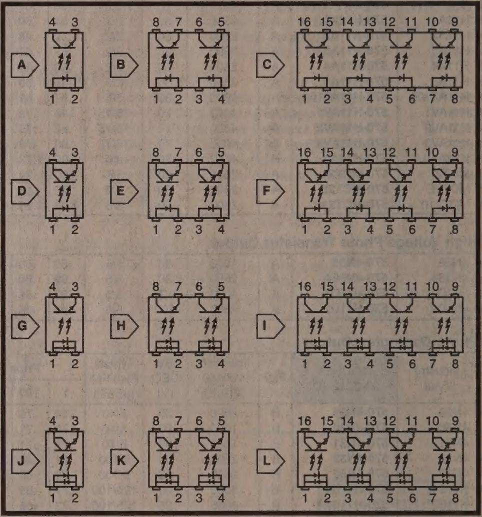


PHOTO CONDUCTIVE CELLS

These photocells offer a broad selection and variety to cover almost any application.

* Light resistance measured at 10 lux and 2856°K color temperature.
** Dark resistance measured 10 seconds after removal of 100 lux illumination.

76C Series

MOUSER STOCK NO.		Fig.	Voltage (Max.)	Light * Resistance (Ω)	Dark ** Resistance (Ω)	Maximum Power @ 25°C	Peak Response Wavelength (nm)	Price Each			
Mfr.	Industry No.							1	10	100	500
338 -	76C348	A	150	3K - 20K	500K	50mW	560	1.84	1.53	1.39	Call For Quote
338 -	76C569	A	200	20K - 100K	20M	100mW	550	1.84	1.53	1.39	
338 -	76C59	A	200	20K - 50K	20M	100mW	550	2.19	1.83	1.66	

54C Series

338 -	54C348	B	150	3K - 20K	500K	30mW	560	1.54	1.28	1.16	Call For Quote
338 -	54C679	B	200	50K - 200K	20M	60mW	550	1.54	1.28	1.16	
338 -	54C69	B	200	50K - 100K	20M	60mW	550	1.73	1.44	1.31	
338 -	54C79	B	200	100K - 200K	20M	60mW	550	1.73	1.44	1.31	

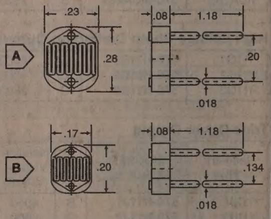
Applications:

- Camera EE system
- Colorimeter
- Auto-dimmer
- Electronic camera shutter
- Automatic light switch
- ABC control for TV's

Specifications:

- Operating temperature: -30°C to +70°C
- Cadmium sulfide (CdS) construction
- Soldering: 230°C for 3 sec. (max.) at 3mm from cell
- High sensitivity, high stability

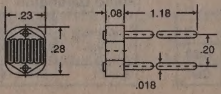
DIMENSIONS (IN.)



CDS PHOTO CELL

MOUSER STOCK NO.		Price Each			
Mfr.	Industry No.	1	10	50	100
524 -	611-J4-805	1.64	1.47	1.42	Call

DIMENSIONS (IN.)



Applications:

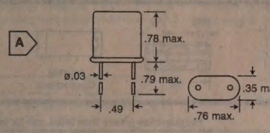
- Light and lamp controls
- Security lighting
- Automatic grain feeders
- "Electric - Eyes"

Specifications:

- 12K Ω min. @ 1Ft/C'DL
- 250Ω @ 100Ft/C'DL
- Maximum power dissipation: 75mW

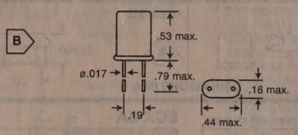
ECS INC. INTERNATIONAL Microprocessor Crystals

HC-33



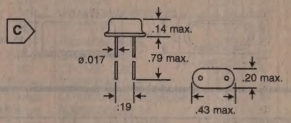
DIMENSIONS (IN.)

HC-49/U



DIMENSIONS (IN.)

HC-49/US



DIMENSIONS (IN.)

Specifications:

- Operating temperature: -10°C to +60°C
- Frequency tolerance: ± 50ppm @ 25°C
- Drive level: 1mW
- Aging: ± 5ppm/yr (max.)

HC-33

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (MHz)	Load Cap.	Microprocessor	Price Each	
					1	10
520-HCB100-13	A	1.000000	13pf	MC6800/6860	10.08	8.37
520-HCB184-13	A	1.843200	13pf	MC14411/MC6802	4.39	3.64
520-HCB184-S	A	1.843200	Series	MC14411/MC6802	4.39	3.64
520-HCB200-20	A	2.000000	20pf	2650/F-8	4.39	3.64
520-HCB200-S	A	2.000000	Series	2650/F-8	4.39	3.64
520-HCB209-32	A	2.097152	32pf	MM5378/MM5379	4.39	3.64
520-HCB245-32	A	2.457600	32pf	CDP1702/1802C/1804/1804C	4.39	3.64
520-HCB245-S	A	2.457600	Series	CDP1702/1802C/1804/1804C	4.39	3.64

HC-49/U

520-HCA100-13	B	1.000000	13pf	MC6800/6860	9.43	7.83
520-HCA184-13	B	1.843200	13pf	MC14411/MC6802	2.34	1.94
520-HCA184-S	B	1.843200	Series	MC14411/MC6802	2.34	1.94
520-HCA200-20	B	2.000000	20pf	2650/F-8	2.34	1.94
520-HCA200-S	B	2.000000	Series	2650/F-8	2.34	1.94
520-HCA245-32	B	2.457600	32pf	CDP1702/1802C/1804/1804C	2.34	1.94
520-HCA250-S	B	2.500000	Series	IM6100/Z-80	2.34	1.94
520-HCA300-S	B	3.000000	Series	MCS-48/IM8048	2.34	1.94
520-HCA327-17	B	3.276800	17pf	IM6100C/ICM7205	1.24	1.03
520-HCA357-17	B	3.579545	17pf	MM5369/MC6801	1.24	1.03
520-HCA357-S	B	3.579545	Series	MM5369/MC6081	1.24	1.03
520-HCA368-18	B	3.686400	18pf	8748/8035-8	1.24	1.03
520-HCA368-S	B	3.686400	Series	8748/8035-8	1.24	1.03
520-HCA393-17	B	3.932160	17pf	ICM7038	1.24	1.03
520-HCA400-20	B	4.000000	20pf	MCS-40/Z-80A	1.24	1.03
520-HCA400-S	B	4.000000	Series	MCS-40/Z-80A	1.24	1.03
520-HCA403-20	B	4.032000	20pf	T199532	1.24	1.03
520-HCA403-S	B	4.032000	Series	T199532	1.24	1.03
520-HCA409-20	B	4.096000	20pf	ICM7038	1.24	1.03
520-HCA419-12	B	4.194304	12pf	ICM7038/CDP1802	1.24	1.03
520-HCA443-20	B	4.433618	20pf	Signetics 2650	1.24	1.03
520-HCA491-20	B	4.915200	20pf	CDP1802/1802C/1804/1804C	1.24	1.03
520-HCA491-S	B	4.915200	Series	CDP1802/1802C/1804/1804C	1.24	1.03
520-HCA500-20	B	5.000000	20pf	CDP1802/IM6100A	1.24	1.03
520-HCA500-S	B	5.000000	Series	CDP1802/IM6100A	1.24	1.03
520-HCA506-20	B	5.068800	20pf	COM5016/5016T/5031	1.24	1.03
520-HCA506-S	B	5.068800	Series	COM5016/5016T/5031	1.24	1.03
520-HCA518-32	B	5.185000	32pf	MCS-40/CDP1802	1.24	1.03
520-HCA518-S	B	5.185000	Series	MCS-40/CDP1802	1.24	1.03
520-HCA599-20	B	5.990400	20pf	8048/8748	1.24	1.03
520-HCA599-S	B	5.990400	Series	8048/8748	1.24	1.03
520-HCA600-32	B	6.000000	32pf	MCS-48/IM8048/CDP1802	1.24	1.03
520-HCA600-S	B	6.000000	Series	MCS-48/IM8048/CDP1802	1.24	1.03
520-HCA614-32	B	6.144000	32pf	MCS-85/CDP1802/8085	1.24	1.03
520-HCA655-12	B	6.553600	12pf	ICM7045	1.24	1.03
520-HCA737-20	B	7.372800	20pf	6875/8051/8031/2920	1.24	1.03
520-HCA737-S	B	7.372800	Series	6875/8051/8031/2920	1.24	1.03
520-HCA768-20	B	7.680000	20pf	Special Freq. MPU's	1.24	1.03
520-HCA800-20	B	8.000000	20pf	IM6100A/CDP1804/MC68B09	1.24	1.03
520-HCA800-S	B	8.000000	Series	IM6100A/CDP1804/MC68B09	1.24	1.03
520-HCA921-S	B	9.216000	Series	Various MPU's	1.24	1.03
520-HCA983-20	B	9.830400	20pf	General Purpose	1.24	1.03
520-HCA983-S	B	9.830400	Series	General Purpose	1.24	1.03
520-HCA1000-S	B	10.000000	Series	MCS-85/8085A-2/9940-10	1.24	1.03
520-HCA1073-S	B	10.738635	Series	T19918A	1.24	1.03
520-HCA1100-S	B	11.000000	Series	MCS-48/8039/8049	1.24	1.03
520-HCA1104-S	B	11.046000	Series	Various MPU's	1.24	1.03
520-HCA1105-20	B	11.059200	20pf	Various MPU's	1.24	1.03
520-HCA1105-S	B	11.059200	Series	Various MPU's	1.24	1.03
520-HCA1122-S	B	11.228000	Series	Special Freq. MPU's	1.24	1.03
520-HCA1198-S	B	11.981350	Series	Various MPU's	1.24	1.03
520-HCA1200-32	B	12.000000	32pf	MCS-86/8086/8284/8202	1.24	1.03
520-HCA1200-S	B	12.000000	Series	MCS-86/8086/8284/8202	1.24	1.03
520-HCA1209-S	B	12.096000	Series	Special Freq. MPU's	1.24	1.03
520-HCA1228-S	B	12.288000	Series	General Purpose	1.24	1.03
520-HCA1351-S	B	13.516800	Series	8080/8008/8224	1.37	1.13
520-HCA1431-S	B	14.318180	Series	8080/8008/8224	1.37	1.13

HC-49/U

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (MHz)	Load Cap.	Microprocessor	Price Each	
					1	10
520-HCA1469-S	B	14.690000	Series	Special Freq. MPU's	1.37	1.13
520-HCA1474-S	B	14.745600	Series	General Purpose	1.37	1.13
520-HCA1500-S	B	15.000000	Series	MCS-86/8086/8284/8202	1.37	1.13
520-HCA1600-S	B	16.000000	Series	8080/8008/8224	1.37	1.13
520-HCA1800-S	B	18.000000	Series	MCS-80/8080A/8224	1.37	1.13
520-HCA1843-S	B	18.432000	Series	MCS-80/8080A/8224	1.37	1.13
520-HCA1966-S	B	19.660800	Series	8080/8008/8224/8350	1.50	1.24
520-HCA2000-20	B	20.000000	20pf	MCS-80/8080A/8224	1.50	1.24
520-HCA2000-S	B	20.000000	Series	MCS-80/8080A/8224	1.50	1.24
520-HCA2211-S	B	22.118400	Series	MCS-80/8080A/8224	1.79	1.48
520-HCA2400-20	B	24.000000	20pf	MCS-86/8086/8284/8202	2.02	1.67
520-HCA2400-S	B	24.000000	Series	MCS-86/8086/8284/8202	2.02	1.67
520-HCA4800-S	B	48.000000	Series	TMS9900 Series	1.66	1.37
520-HCA4986-20	B	49.860000	20pf	Special Freq. MPU's	1.66	1.37

HC-49/US

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (MHz)	Load Cap.	Microprocessor	Price Each	
					1	10
520-HCU357-17	C	3.579545	17pf	MM5369/MC6801	1.56	1.29
520-HCU368-18	C	3.686400	18pf	8748/8035-8	1.56	1.29
520-HCU368-S	C	3.686400	Series	8748/8035-8	1.56	1.29
520-HCU400-20	C	4.000000	20 pf	MCS-40/Z-80A	1.56	1.29
520-HCU400-S	C	4.000000	Series	MCS-40/Z-80A	1.56	1.29
520-HCU419-12	C	4.194304	12pf	ICM7038/CDP1802	1.56	1.29
520-HCU443-20	C	4.433618	20pf	Signetics 2650	1.56	1.29
520-HCU491-20	C	4.915200	20pf	CDP1802/1802C/1804/1804C	1.56	1.29
520-HCU491-S	C	4.915200	Series	CDP1802/1802C/1804/1804C	1.56	1.29
520-HCU500-20	C	5.000000	20pf	CDP1802/IM6100A	1.56	1.29
520-HCU506-20	C	5.068800	20pf	COM5016/5016T/5031	1.56	1.29
520-HCU518-32	C	5.185000	32pf	MCS-40/CDP1802	1.56	1.29
520-HCU600-32	C	6.000000	32pf	MCS-48/IM8048/CDP1802	1.56	1.29
520-HCU600-S	C	6.000000	Series	MCS-48/IM8048/CDP1802	1.56	1.29
520-HCU614-32	C	6.144000	32pf	MCS-85/CDP1802/8085	1.56	1.29
520-HCU650-20	C	6.500000	20pf	Special Freq. MPU's	1.56	1.29
520-HCU737-20	C	7.372800	20pf	6875/8051/8031/2920	1.56	1.29
520-HCU737-S	C	7.372800	Series	6875/8051/8031/2920	1.56	1.29
520-HCU800-S	C	8.000000	Series	IM6100A/CDP1804/MC68B09	1.56	1.29
520-HCU850-S	C	8.500000	Series	Special Freq. MPU's	1.56	1.29
520-HCU900-S	C	9.000000	Series	Various MPU's	1.56	1.29
520-HCU954-S	C	9.545000	Series	Special Freq. MPU's	1.56	1.29
520-HCU983-S	C	9.830400	Series	General Purpose	1.56	1.29
520-HCU1000-S	C	10.000000	Series	MCS-85/8085A-2/9940-10	1.56	1.29
520-HCU1073-S	C	10.738635	Series	T19918A	1.56	1.29
520-HCU1100-S	C	11.000000	Series	MCS-48/8039/8049	1.56	1.29
520-HCU1105-20	C	11.059200	20pf	Various MPU's	1.56	1.29
520-HCU1105-S	C	11.059200	Series	Various MPU's	1.56	1.29
520-HCU1198-S	C	11.981350	Series	Various MPU's	1.56	1.29
520-HCU1200-S	C	12.000000	Series	MCS-86/8086/8284/8202	1.56	1.29
520-HCU1209-S	C	12.096000	Series	Special Freq. MPU's	1.56	1.29
520-HCU1296-18	C	12.960000	18pf	Special Freq. MPU's	1.56	1.29
520-HCU1431-S	C	14.318180	Series	8080/8008/8224	1.56	1.29
520-HCU1474-S	C	14.745600	Series	General Purpose	1.56	1.29
520-HCU1500-S	C	15.000000	Series	MCS-86/8086/8284/8202	1.56	1.29
520-HCU1536-20	C	15.360000	20pf	Special Freq. MPU's	1.56	1.29
520-HCU1600-S	C	16.000000	Series	8080/8008/8224	1.56	1.29
520-HCU1625-20	C	16.275000	20pf	Special Freq. MPU's	1.56	1.29
520-HCU1625-S	C	16.257000	Series	Special Freq. MPU's	1.56	1.29
520-HCU1800-S	C	18.000000	Series	MCS-80/8080A/8224	1.56	1.29
520-HCU1843-S	C	18.432000	Series	MCS-80/8080A/8224	1.56	1.29
520-HCU1966-S	C	19.660800	Series	8080/8008/8224/8350	1.56	1.29
520-HCU2000-20	C	20.000000	20pf	MCS-80/8080A/8224	1.56	1.29
520-HCU2000-S	C	20.000000	Series	MCS-80/8080A/8224	1.56	1.29
520-HCU2147-S	C	21.477270	Series	Special Freq MPU's	1.56	1.29
520-HCU2400-20	C	24.000000	20pf	MCS-86/8086/8284/8202	1.56	1.29
520-HCU2400-S	C	24.000000	Series	MCS-86/8086/8284/8202	1.56	1.29

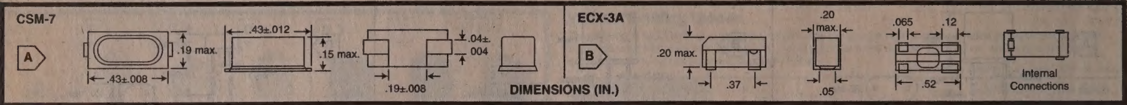
ECS INC. INTERNATIONAL Crystals and Oscillators

MICROPROCESSOR CRYSTALS

Specifications:

- Operating temperature: -10°C to +60°C
- Frequency tolerance: ± 50ppm @ 25°C
- Drive level: 1mW
- Aging: ± 5ppm/yr (max.)

◆ Surface Mount Device



DIMENSIONS (IN.)

CSM-7

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (MHz)	Load Cap.	Microprocessor	Price Each	
					1	10
◆ 520-CSM357-17	A	3.579545	17pf	MM5369/MC6801	2.03	1.68
◆ 520-CSM368-S	A	3.686400	Series	8748/8035-8	2.03	1.68
◆ 520-CSM368-20	A	3.686400	20pf	8748/8035-8	2.03	1.68
◆ 520-CSM400-S	A	4.000000	Series	MCS-40/Z-80A	2.03	1.68
◆ 520-CSM400-20	A	4.000000	20pf	MCS-40/Z-80A	2.03	1.68
◆ 520-CSM491-S	A	4.915200	Series	CDP1802/1802C/1804/1804C	2.03	1.68
◆ 520-CSM491-20	A	4.915200	20pf	CDP1802/1802C/1804/1804C	2.03	1.68
◆ 520-CSM614-32	A	6.144000	32pf	MCS-85/CDP1802/8085	2.03	1.68
◆ 520-CSM737-S	A	7.372800	Series	6875/8051/8031/2920	2.03	1.68
◆ 520-CSM800-S	A	8.000000	Series	IM6100A/CDP1804/MC68B09	2.03	1.68
◆ 520-CSM983-S	A	9.830400	Series	General Purpose	2.03	1.68
◆ 520-CSM983-20	A	9.830400	20pf	General Purpose	2.03	1.68
◆ 520-CSM1000-S	A	10.000000	Series	MCS-85/8085A-2/9940-10	2.03	1.68
◆ 520-CSM1105-S	A	11.059200	Series	Various MPU's	2.03	1.68
◆ 520-CSM1105-20	A	11.059200	20pf	Various MPU's	2.03	1.68
◆ 520-CSM1200-S	A	12.000000	Series	MCS-86/8086/8284/8202	2.03	1.68
◆ 520-CSM1431-S	A	14.318180	Series	8080/8008/8224	2.03	1.68
◆ 520-CSM1600-S	A	16.000000	Series	8080/8008/8224	2.03	1.68
◆ 520-CSM1843-S	A	18.432000	Series	MCS-80/8080A/8224	2.03	1.68
◆ 520-CSM1966-S	A	19.660800	Series	8080/8008/8224/8350	2.03	1.68
◆ 520-CSM2000-S	A	20.000000	Series	MCS-80/8080A/8224	2.03	1.68
◆ 520-CSM2000-20	A	20.000000	20pf	MCS-80/8080A/8224	2.03	1.68
◆ 520-CSM2400-16	A	24.000000	16pf	MCS-86/8086/8284/8202	2.03	1.68
◆ 520-CSM2400-20	A	24.000000	20pf	MCS-86/8086/8284/8202	2.03	1.68

ECX-3A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (MHz)	Load Cap.	Microprocessor	Price Each	
					1	10
◆ 520-ECX357-17	B	3.579545	17pf	MM5369-MC6801	2.65	2.20
◆ 520-ECX357-S	B	3.579545	Series	MM5369/MC6801	2.65	2.20
◆ 520-ECX368-20	B	3.686400	20pf	8748/8035-8	2.65	2.20
◆ 520-ECX368-S	B	3.686400	Series	8748/8035-8	2.65	2.20
◆ 520-ECX400-20	B	4.000000	20pf	MCS-40/Z-80A	2.65	2.20
◆ 520-ECX400-S	B	4.000000	Series	MCS-40/Z-80A	2.65	2.20
◆ 520-ECX419-12	B	4.194304	12pf	ICM7038/CDP1802	2.65	2.20
◆ 520-ECX443-20	B	4.433618	20pf	Signetics 2650	2.65	2.20
◆ 520-ECX491-20	B	4.915200	20pf	CDP1802/1802C/1804/1804C	2.65	2.20
◆ 520-ECX491-S	B	4.915200	Series	CDP1802/1802C/1804/1804C	2.65	2.20
◆ 520-ECX614-32	B	6.144000	32pf	MCS-85/CDP1802/8085	2.65	2.20
◆ 520-ECX737-20	B	7.372800	20pf	6875/8051/8031/2920	2.65	2.20
◆ 520-ECX737-S	B	7.372800	Series	6875/8051/8031/2920	2.65	2.20
◆ 520-ECX800-S	B	8.000000	Series	IM6100A/CDP1804/MC68B09	2.65	2.20
◆ 520-ECX983-20	B	9.830400	20pf	General Purpose	2.65	2.20
◆ 520-ECX983-S	B	9.830400	Series	General Purpose	2.65	2.20
◆ 520-ECX1000-S	B	10.000000	Series	MCS-85/8085A-2/9940-10	2.65	2.20
◆ 520-ECX1105-20	B	11.059200	20pf	Various MPU's	2.65	2.20
◆ 520-ECX1105-S	B	11.059200	Series	Various MPU's	2.65	2.20
◆ 520-ECX1200-18	B	12.000000	18pf	MCS-86/8086/8284/8202	2.65	2.20
◆ 520-ECX1200-S	B	12.000000	Series	MCS-86/8086/8284/8202	2.65	2.20
◆ 520-ECX1228-S	B	12.288000	Series	General Purpose	2.65	2.20
◆ 520-ECX1431-S	B	14.318180	Series	8080/8008/8224	2.65	2.20
◆ 520-ECX1474-S	B	14.745600	Series	General Purpose	2.65	2.20
◆ 520-ECX1600-20	B	16.000000	20pf	8080/8008/8224	2.65	2.20
◆ 520-ECX1600-S	B	16.000000	Series	8080/8008/8224	2.65	2.20
◆ 520-ECX1843-S	B	18.432000	Series	MCS-80/8080A/8224	2.65	2.20
◆ 520-ECX1966-S	B	19.660800	Series	8080/8008/8224/8350	2.65	2.20
◆ 520-ECX2000-20	B	20.000000	20pf	MCS-80/8080A/8224	2.84	2.36
◆ 520-ECX2000-S	B	20.000000	Series	MCS-80/8080A/8224	2.84	2.36
◆ 520-ECX2359-S	B	23.592000	Series	Special Freq. MPU's	2.84	2.36
◆ 520-ECX2400-20	B	24.000000	20pf	MCS-86/8086/8284/8202	2.84	2.36
◆ 520-ECX2400-S	B	24.000000	Series	MCS-86/8086/8284/8202	2.84	2.36

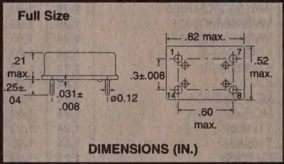
TTL/CMOS CLOCK OSCILLATORS

Full Size

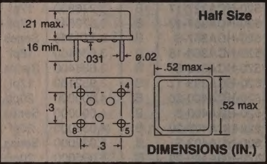
Specifications:

- Frequency tolerance: ±100ppm
- Operating temperature range: 0°C to + 70°C
- Storage temperature range: -55°C to +125°C
- Power supply voltage: 5 VDC ±0,25V
- Symmetry: 60/40 to 40/60 @ 1.4 VDC level

MOUSER STOCK NO.	Frequency (MHz)	Current Consumption mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
520-TCF100	1.000000	30	15	4.08	3.60	
520-TCF122	1.228800	30	15	4.08	3.60	
520-TCF184	1.843200	30	15	4.08	3.60	
520-TCF200	2.000000	30	15	4.08	3.60	Call For Quote
520-TCF245	2.457600	30	15	4.08	3.60	
520-TCF368	3.686400	30	15	3.25	2.87	
520-TCF400	4.000000	30	15	3.25	2.87	
520-TCF491	4.915200	30	15	3.25	2.87	
520-TCF500	5.000000	30	15	3.25	2.87	
520-TCF506	5.068800	30	15	3.25	2.87	
520-TCF600	6.000000	30	15	3.25	2.87	
520-TCF614	6.144000	30	15	3.25	2.87	
520-TCF737	7.372800	30	15	3.25	2.87	
520-TCF800	8.000000	30	15	3.25	2.87	
520-TCF921	9.216000	30	10	3.25	2.87	
520-TCF983	9.830400	30	10	3.25	2.87	
520-TCF1000	10.000000	30	10	3.25	2.87	
520-TCF1105	11.059200	30	10	3.25	2.87	
520-TCF1200	12.000000	30	10	3.25	2.87	Call For Quote
520-TCF1431	14.318180	30	10	3.25	2.87	
520-TCF1474	14.745600	30	10	3.25	2.87	
520-TCF1600	16.000000	30	10	3.25	2.87	
520-TCF1625	16.257000	30	10	3.25	2.87	
520-TCF1800	18.000000	30	10	3.25	2.87	
520-TCF1843	18.432000	30	10	3.25	2.87	
520-TCF1966	19.660800	30	10	3.25	2.87	
520-TCF2000	20.000000	30	10	3.25	2.87	
520-TCF2400	24.000000	35	10	3.25	2.87	
520-TCF2500	25.000000	35	10	3.25	2.87	
520-TCF2517	25.175000	35	10	3.25	2.87	
520-TCF2832	28.322000	35	10	3.25	2.87	
520-TCF3000	30.000000	35	10	3.25	2.87	
520-TCF3200	32.000000	35	10	3.25	2.87	
520-TCF3251	32.514000	35	6	3.25	2.87	Call For Quote
520-TCF3500	35.000000	35	6	3.25	2.87	
520-TCF4000	40.000000	35	6	4.08	3.60	
520-TCF4800	48.000000	35	6	4.08	3.60	
520-TCF5000	50.000000	35	6	4.08	3.60	
520-TCF6400	64.000000	35	6	4.08	3.60	



DIMENSIONS (IN.)



DIMENSIONS (IN.)

Half Size

Specifications:

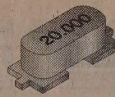
- Frequency tolerance: ±100ppm
- Operating temperature range: 0°C to + 70°C
- Storage temperature range: -55°C to +125°C
- Power supply voltage: 5 VDC ±.05V
- Symmetry: >9.99Mhz: 45/55 to 55/45
  <10Mhz: 40/60 to 60/40

MOUSER STOCK NO.	Frequency (MHz)	Current Consumption mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
520-TCH100	1.000000	10	15	4.08	3.60	
520-TCH184	1.843200	10	15	4.08	3.60	Call For Quote
520-TCH200	2.000000	10	15	4.08	3.60	
520-TCH245	2.457600	10	15	4.08	3.60	
520-TCH368	3.686400	10	15	3.25	2.87	
520-TCH400	4.000000	10	15	3.25	2.87	
520-TCH491	4.915200	10	15	3.25	2.87	
520-TCH500	5.000000	10	15	3.25	2.87	
520-TCH506	5.068800	10	15	3.25	2.87	
520-TCH600	6.000000	10	15	3.25	2.87	
520-TCH614	6.144000	10	15	3.25	2.87	
520-TCH737	7.372800	10	15	3.25	2.87	
520-TCH800	8.000000	10	15	3.25	2.87	
520-TCH1000	10.000000	10	15	3.25	2.87	
520-TCH1200	12.000000	10	15	3.25	2.87	Call For Quote
520-TCH1431	14.318180	10	15	3.25	2.87	
520-TCH1600	16.000000	10	15	3.25	2.87	
520-TCH1843	18.432000	10	15	3.25	2.87	
520-TCH1966	19.660800	10	15	3.25	2.87	
520-TCH2000	20.000000	10	15	3.25	2.87	
520-TCH2400	24.000000	10	15	3.25	2.87	
520-TCH2500	25.000000	30	6	3.25	2.87	
520-TCH2517	25.175000	30	6	3.25	2.87	
520-TCH2832	28.322000	30	6	3.25	2.87	
520-TCH3200	32.000000	30	6	3.25	2.87	
520-TCH3251	32.514000	30	6	3.25	2.87	
520-TCH4000	40.000000	30	6	4.08	3.60	Call For Quote
520-TCH5000	50.000000	30	6	4.08	3.60	
520-TCH6400	64.000000	30	6	4.08	3.60	

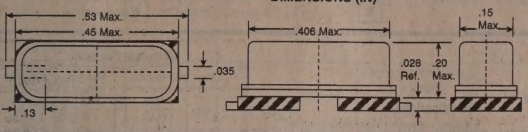
SURFACE MOUNT MICROPROCESSOR CRYSTALS

Specifications:

- Oscillation mode: Fundamental
- Frequency tolerance: (@25°C): ±.01%
- Operating temperature: -20°C to +70°C
- Drive level: 1.0mW±0.2mW
- Shunt capacitance (Co): 7pF max.
- Insulation resistance: 500MΩ @ 100VDC



DIMENSIONS (IN)



For quantities greater than listed, call for quote.

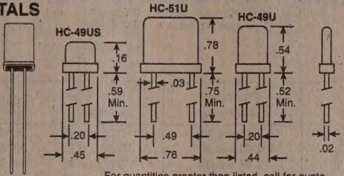
MOUSER STOCK NO.	Freq. (MHz)	Load Cap. (pF)	Microprocessor	Price Each 1	10	50	100
332-SML0357	3.579545	18	MM5369, ICM7206	1.92	1.67	1.52	1.38
332-SM0393	3.93216	16	ICM7038	1.92	1.67	1.52	1.38
332-SML0400	4.0	20	4004/4040/6800/Z80	1.92	1.67	1.52	1.38
332-SM0409	4.096	16	ICM7038	1.92	1.67	1.52	1.38
332-SML0443	4.433619	20	Signetics 2650	1.92	1.67	1.52	1.38
332-SML0491	4.9152	Series	Z80/CON5026	1.92	1.67	1.52	1.38
332-SML0500	5.0	20	CP1600, Z80	1.92	1.67	1.52	1.38
332-SML0655	6.55360	Series	ICM7034/7045/7207	1.92	1.67	1.52	1.38
332-SML0800	8.0	Series	CP1600/IM6100/MC6875	1.92	1.67	1.52	1.38
332-SML1000	10.0	Series	8080/8008/8224	1.92	1.67	1.52	1.38
332-SML1200	12.0	Series	Spec. Freq. MPU'S	1.92	1.67	1.52	1.38
332-SML1431	14.31818	Series	8080/8008/8224	1.92	1.67	1.52	1.38
332-SML1600	16.0	Series	Various MPU'S	1.92	1.67	1.52	1.38
332-SM2000	20.0	30	8080/8008/8224	1.92	1.67	1.52	1.38

MICROPROCESSOR CRYSTALS

Specifications:

- Operating temperature: -10°C to +50°C
- Load capacitance: 32pF to 12pF
- Freq. tolerance: ± 50PPM (at 25°C)
- Drive level: 2.0 mW max.

DIMENSIONS (IN)



For The Microprocessor Crystal Kit, See Page 313

HC51/U Crystals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Freq. (MHz)	Load Capacitance (pF)	Microprocessor	Price Each 1	10	50
332-2010	1.0	32	MC6800/6860	14.91	13.35	12.32
332-2018	1.8432	32	MC14411/MC6802	5.21	4.74	4.31
332-2020	2.0	32	2650/F-8	4.93	4.48	4.07
332-2021	2.097152	20	MM5378/MM5379	4.48	4.07	3.70
332-2024	2.4576	30	CDP1702/1802C/1804/1804C	4.48	4.07	3.70

HC49/U-S Crystals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Freq. (MHz)	Load Capacitance (pF)	Microprocessor	Price Each 1	10	100
332-5035	3.579545	18	MM5369/MC6801	1.51	1.25	1.05
332-5036	3.6864	Series	8748/8035-8	1.51	1.25	1.05
332-5040	4.0	20	MCS-40/Z-80A	1.51	1.25	1.05
332-5041	4.096	30	ICM7038	1.51	1.25	1.05
332-5042	4.194304	12	ICM7038/CDP1802	1.51	1.25	1.05
332-5044	4.433	20	Signetics 2650	1.51	1.25	1.05
332-5045	4.433618	20	Various MPU'S	1.51	1.25	1.05
332-5049	4.9152	Series	CDP1802/1802C/1804/1804C	1.51	1.25	1.05
332-5050	5.0	20	CDP1802/IM6100A	1.51	1.25	1.05
332-5051	5.0688	20	COM5016/5016T/5031	1.51	1.25	1.05
332-5052	5.185	32	VARIOUS MPU'S	1.51	1.25	1.05
332-5060	6.0	Series	MCS-48/IM8048/CDP1802	1.51	1.25	1.05
332-5061	6.144	32	MCS-85/CDP1802/8085	1.51	1.25	1.05
332-5065	6.5	20	Various MPU'S	1.51	1.25	1.05
332-5073	7.3728	Series	6875/8051/8031/2920	1.51	1.25	1.05
332-5080	8.0	Series	IM6100A/CDP1804/MC68B09	1.51	1.25	1.05
332-5085	8.5	Series	Various MPU'S	1.51	1.25	1.05
332-5098	9.8304	Series	General Purpose	1.51	1.25	1.05
332-5100	10.0	Series	MCS-85/8085A-2/9940-10	1.51	1.25	1.05
332-5110	11.0	Series	MCS-48/8039/8049	1.51	1.25	1.05
332-5111	11.0592	Series	Various MPU'S	1.51	1.25	1.05
332-5120	12.0	Series	MCS-86/8086/8284/8202	1.51	1.25	1.05
332-5143	14.31818	Series	8080/8008/8224	1.51	1.25	1.05
332-5147	14.7456	Series	General Purpose	1.51	1.25	1.05
332-5150	15.0	Series	MCS-86/8086/8284/8202	1.51	1.25	1.05
332-5160	16.0	Series	8080/8008/8224	1.51	1.25	1.05
332-5162	16.257	Series	Various MPU'S	1.51	1.25	1.05
332-5180	18.0	Series	MCS-80/8080A/8224	1.51	1.25	1.05
332-5184	18.432	Series	MCS-80/8080A/8224	1.51	1.25	1.05
332-5196	19.6608	Series	8080/8008A/8224/8350	1.51	1.25	1.05
332-5200	20.0	Series	MCS-80/8080A/8224	1.51	1.25	1.05
332-5240	24.0	Series	MCS-86/8086/8284	1.51	1.25	1.05

HC49/U Crystals

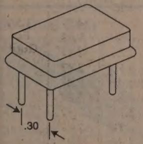
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Freq. (MHz)	Load Capacitance (pF)	Microprocessor	Price Each 1	10	100
332-1010	1.0	13	MC6800/6860	9.82	8.93	8.12
332-1018	1.8432	13	MC14411/MC6802	2.38	1.98	1.65
332-1020	2.0	20	2650/F-8	2.38	1.98	1.65
332-1024	2.4576	32	CDP1702/1802C/1804/1804C	2.06	1.72	1.43
332-1025	2.5	Series	IM6100/Z-80	2.06	1.72	1.43
332-1030	3.0	30	MCS-48/IM8048	2.06	1.72	1.43
332-1033	3.2768	15	IM6100C/ICM7205	2.06	1.72	1.43
332-1035	3.579545	18	MM5369/MC6801	1.24	1.03	.86
332-1036	3.6864	Series	8748/8035-8	1.24	1.03	.86
332-1039	3.932160	20	ICM7038	1.24	1.03	.86
332-1040	4.0	20	MCS-40/Z-80A	1.24	1.03	.86
332-1041	4.096	30	ICM7038	1.24	1.03	.86
332-1042	4.194304	12	ICM7038/CDP1802	1.24	1.03	.86
332-1044	4.433	20	Signetics 2650	1.24	1.03	.86
332-1045	4.433619	20	Signetics 2650	1.24	1.03	.86
332-1049	4.9152	Series	CDP1802/1802C/1804/1804C	1.24	1.03	.86
332-1050	5.0	20	CDP1802/IM6100A	1.24	1.03	.86
332-1051	5.0688	Series	COM5016/5016T/5031	1.24	1.03	.86
332-1052	5.185	32	MCS-40/CDP1802	1.24	1.03	.86
332-1053	5.24288	Series	Various MPU'S	1.24	1.03	.86
332-1060	6.0	Series	MCS-48/IM8048/CDP1802	1.24	1.03	.86
332-1061	6.144	30	MCS-85/CDP1802/8085	1.24	1.03	.86
332-1066	6.5536	Series	ICM7045	1.24	1.03	.86
332-1070	7.0	Series	Various MPU'S	1.24	1.03	.86
332-1071	7.15909	20	CDP1802	1.24	1.03	.86
332-1073	7.3728	Series	6875/8051/8031/2920	1.24	1.03	.86
332-1080	8.0	Series	IM6100A/CDP1804/MC68B09	1.24	1.03	.86
332-1092	9.216	Series	Various MPU'S	1.24	1.03	.86
332-1098	9.8304	Series	General Purpose	1.24	1.03	.86
332-1100	10.0	Series	MCS-85/8085A-2/9940-10	1.24	1.03	.86
332-1107	10.738635	32	TI9918A	1.24	1.03	.86
332-1110	11.0	Series	MCS-48/8039/8049	1.24	1.03	.86
332-1111	11.0592	Series	Various MPU'S	1.24	1.03	.86
332-1119	11.98135	Series	Various MPU'S	1.24	1.03	.86
332-1120	12.0	Series	MCS-86/8086/8284/8202	1.24	1.03	.86
332-1121	12.096	Series	Spec. Freq. MPU'S	1.24	1.03	.86
332-1122	12.288	Series	General Purpose	1.24	1.03	.86
332-1135	13.5168	Series	8080/8008/8224	1.24	1.03	.86
332-1143	14.31818	32	8080/8008/8224	1.24	1.03	.86
332-1147	14.7456	Series	General Purpose	1.24	1.03	.86
332-1150	15.0	Series	MCS-86/8086/8284/8202	1.24	1.03	.86
332-1160	16.0	Series	8080/8008/8224	1.24	1.03	.86
332-1180	18.0	Series	MCS-80/8080A/8224	1.39	1.16	.97
332-1184	18.432	Series	MCS-80/8080A/8224	1.39	1.16	.97
332-1192	19.2	20	8080/8008/8224	1.39	1.16	.97
332-1196	19.6608	Series	8080/8008/8224/8350	1.39	1.16	.97
332-1200	20.0	Series	MCS-80/8080A/8224	1.39	1.16	.97
332-1221	22.1184	Series	MCS-80/8080A/8224	1.58	1.32	1.10
332-1240	24.0	Series	MCS-86/8086/8284	1.58	1.32	1.10
332-1320	32.0	Series	8080/8008/8224	1.39	1.16	.97
332-1480	48.0	Series	TMS9900 Series	1.39	1.16	.97
332-1720	72.0	Series	Various MPU'S	1.39	1.16	.97
332-1960	96.0	Series	Various MPU'S	3.99	3.62	3.29

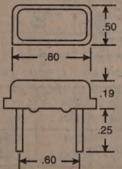
TL/CMOS CLOCK OSCILLATORS

Specifications:

- Frequency stability ± 50PPM (at 25°C)
- Supply voltage: 5VDC ±.5V
- Supply current: 50mA (typical) 60mA (max.)
- Operating temperature range: 0°C to +70°C
- Storage temperature range: -55°C to +125°C



DIMENSIONS (IN)

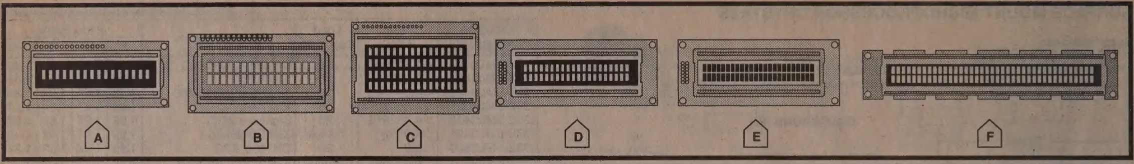


Pin No.	Connection
1	NC
7	GND
8	Output
14	+5VDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Freq. (MHz)	Input Current (Typ.) mA	Rise/Fall Time (Max.) nS	Price Each 1	10	100
332-3010	1.0	45	15	4.66	3.88	3.23
332-3012	1.2288	45	15	4.66	3.88	3.23
332-3018	1.8432	45	15	4.66	3.88	3.23
332-3020	2.0	30	15	4.66	3.88	3.23
332-3024	2.4576	30	15	4.66	3.88	3.23
332-3036	3.6864	30	15	4.66	3.88	3.23
332-3040	4.0	50	10	4.17	3.48	2.90
332-3049	4.9152	50	10	4.17	3.48	2.90
332-3050	5.0	25	15	4.17	3.48	2.90
332-3051	5.0688	25	15	4.17	3.48	2.90
332-3060	6.0	50	10	4.17	3.48	2.90
332-3061	6.144	25	15	4.17	3.48	2.90
332-3073	7.3728	25	15	4.17	3.48	2.90
332-3080	8.0	50	10	4.17	3.48	2.90
332-3092	9.216	20	10	4.17	3.48	2.90
332-3098	9.8304	20	10	4.17	3.48	2.90
332-3100	10.0	20	10	4.17	3.48	2.90
332-3111	11.0592	20	10	4.17	3.48	2.90
332-3120	12.0	50	10	4.17	3.48	2.90
332-3143	14.31818	50	10	4.17	3.48	2.90
332-3160	16.0	50	10	4.17	3.48	2.90
332-3162	16.257	20	10	4.17	3.48	2.90
332-3180	18.0	20	10	4.17	3.48	2.90
332-3184	18.432	20	10	4.17	3.48	2.90
332-3196	19.6608	20	10	4.17	3.48	2.90
332-3200	20.0	20	10	4.17	3.48	2.90
332-3240	24.0	20	7	4.17	3.48	2.90
332-3251	25.175	15	7	4.17	3.48	2.90
332-3283	28.332	15	6	4.17	3.48	2.90
332-3300	30.0	15	6	4.17	3.48	2.90
332-3320	32.0	15	6	4.17	3.48	2.90
332-3325	32.514	15	6	4.17	3.48	2.90
332-3340	34.0	15	6	4.17	3.48	2.90
332-3350	35.0	15	6	4.17	3.48	2.90
332-3360	36.0	15	6	4.17	3.48	2.90
332-3380	38.0	15	6	4.17	3.48	2.90
332-3400	40.0	15	6	4.17	3.48	2.90
332-3420	42.0	15	6	4.17	3.48	2.90
332-3440	44.0	15	6	4.17	3.48	2.90
332-3500	50.0	15	6	4.17	3.48	2.90
332-3640	64.0	15	6	4.17	3.48	2.90

Display Modules and Indicators



ROHM DOT MATRIX LCD DISPLAY MODULES

Features:

- Wide viewing angle, high contrast ratio
- Can be interfaced with 4-bit or 8-bit MPU
- Built-in character generator RAM, any user design pattern can be displayed
- Clear, easy to read display, with cursor on/off, and character blink
- Simple instructions for various functions
- Compact and light weight, for easy assembly
- Can be driven by a 5 volt circuit
- Low power consumption

Specifications:

- Supply voltage for logic: 6.5V (max.)
- Supply voltage for driving LCD: 6.5V (max.)
- Operating temperature: 0°C to +50°C
- Storage temperature: -20°C to +70°C

Terminal Function

Pin No.	Symbol	Pin No.	Symbol
1	V_{SS}	8	DB1
2	V_{DD}	9	DB2
3	V_O	10	DB3
4	RS	11	DB4
5	R/W	12	DB5
6	E	13	DB6
7	DB0	14	DB7

Standard (TN) LCD Dot Matrix Modules (Reflective)

MOUSER STOCK NO.	Fig.	Format Character x Ln.	Module Size (mm)	Viewing Area (mm)	Character Size (mm)	Dot Size (mm)	Price Each 1	10	20	50
592-RCM2034R	A	16 x 1	80.0 x 36.0	64.5 x 13.8	3.10 x 6.59	0.58 x 0.78	16.10	14.70	12.60	Call For Quote
592-RCM2037R	B	16 x 2	80.0 x 38.0	64.5 x 13.8	2.95 x 4.35	0.50 x 0.55	22.54	20.58	17.64	
592-RCM2013R	B	16 x 2	84.0 x 44.0	63.0 x 20.5	2.95 x 6.05	0.55 x 0.78	27.26	24.89	21.33	
592-RCM2025R	B	16 x 2	85.0 x 32.6	61.0 x 15.8	2.95 x 5.55	0.55 x 0.65	28.29	25.83	22.14	
592-RCM2019R	C	16 x 4	87.0 x 60.0	61.8 x 25.2	2.95 x 4.75	0.54 x 0.55	47.04	42.95	36.81	
592-RCM2010R	D	20 x 2	116.0 x 37.0	83.0 x 18.6	3.20 x 5.55	0.66 x 0.65	29.21	26.67	22.86	
592-RCM2030R	E	24 x 2	116.0 x 37.0	83.0 x 18.6	2.70 x 5.55	0.50 x 0.65	37.72	34.44	29.52	
592-RCM2035R	F	40 x 2	182.0 x 33.5	154.0 x 15.3	3.20 x 5.55	0.60 x 0.65	77.28	70.56	60.48	

Standard (TN) LCD Dot Matrix Modules (Reflective) with LED Backlighting

(No external DC to AC inverter needed)

MOUSER STOCK NO.	Fig.	Format Character x Ln.	Module Size (mm)	Viewing Area (mm)	Character Size (mm)	Dot Size (mm)	Price Each 1	10	20	50
592-RCM2033M	B	16 x 2	80.0 x 36.0	61.0 x 15.8	2.95 x 4.35	0.50 x 0.55	33.58	30.56	26.28	Call For Quote
592-RCM2011M	D	20 x 2	116.0 x 37.0	83.0 x 18.6	3.20 x 5.55	0.60 x 0.65	45.89	41.90	35.91	
592-RCM2029M	E	24 x 2	116.0 x 37.0	83.0 x 18.6	2.70 x 5.55	0.50 x 0.65	45.66	41.69	35.73	

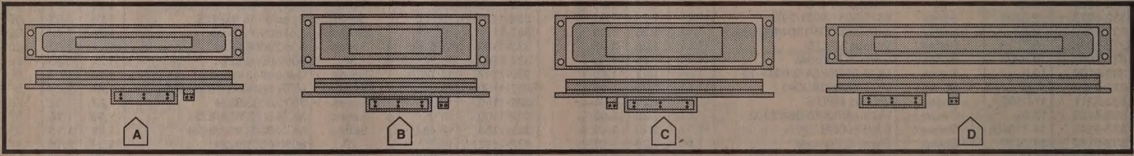
Standard-Twist (STN) LCD Dot Matrix Modules (Reflective)

MOUSER STOCK NO.	Fig.	Format Character x Ln.	Module Size (mm)	Viewing Area (mm)	Character Size (mm)	Dot Size (mm)	Price Each 1	10	20	50
592-RCM7034X	A	16 x 1	80.0 x 36.0	64.5 x 13.8	3.10 x 6.59	0.58 x 0.78	19.45	17.75	15.25	Call For Quote
592-RCM7037X	B	16 x 2	80.0 x 36.0	64.5 x 13.8	2.95 x 4.35	0.55 x 0.50	24.00	21.95	18.80	
592-RCM7010X	D	20 x 2	116.0 x 37.0	83.0 x 18.6	3.20 x 5.55	0.60 x 0.65	31.74	28.98	24.85	
592-RCM7030X	E	24 x 2	116.0 x 37.0	83.0 x 18.6	2.70 x 5.55	0.50 x 0.65	37.95	34.65	29.70	

Standard-Twist (STN) LCD Dot Matrix Modules (Transmissive) with LED Backlighting

MOUSER STOCK NO.	Fig.	Format Character x Ln.	Module Size (mm)	Viewing Area (mm)	Character Size (mm)	Dot Size (mm)	Price Each 1	10	20	50
592-RCM7011T	D	20 x 2	116.0 x 37.0	83.0 x 18.6	3.20 x 5.55	0.60 x 0.65	45.90	41.90	35.90	Call
592-RCM7029T	E	24 x 2	116.0 x 37.0	83.0 x 18.6	2.70 x 5.55	0.50 x 0.65	49.35	45.05	38.60	

NEC FLUORESCENT INDICATOR PANEL (FIP) MODULES



NEC's fluorescent indicator modules incorporate driver chips for the baremounted indicators. The driver circuitry is enclosed inside a vacuum container linked directly to the segments, which require few leads from the panel to the outside. In fact, the only external leads are the panel's power source and grounding leads, signal and data leads, and filament leads. Consequently, with fewer links to the substrate, the reliability of the lead section is greatly enhanced.

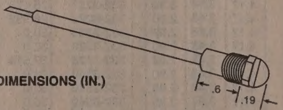
Features:

- Compact size enhanced with the adoption of a new controller IC and many SMT parts
- Exceptionally bright, active display
- NEC's highly integrated driver IC is mounted inside a vacuum sealed envelope to achieve high reliability
- Low power consumption when a +5 volt power supply is used
- Wide operation temperature range of -20°C to +70°C
- Selection of four luminance levels
- Input serial data capacity rate of 9600 BAUD

MOUSER STOCK NO.	Fig.	Format Character x Ln.	Module Size (mm)	Viewing Area (mm)	Character Size (mm)	Dot Size (mm)	Price Each 1	2	5	10
551-FC16X2CA	A	16 x 2	142.0 x 34.0	74.60 x 18.42	5.0 x 3.3	0.50 x 0.50	146.14	137.01	132.44	Call For Quote
551-FC20X1RA	B	20 x 1	161.0 x 26.0	93.55 x 5.80	5.0 x 3.3	0.50 x 0.50	137.57	128.47	124.67	
551-FC20X2JA	C	20 x 2	161.0 x 34.0	93.55 x 18.42	5.0 x 3.3	0.50 x 0.50	148.10	138.80	134.20	
551-FC40X2EA	D	40 x 2	256.0 x 39.5	188.55 x 18.42	5.0 x 3.3	0.50 x 0.50	228.60	215.00	207.20	

ULTRA-MINIATURE 110 VAC NEON INDICATOR

- Panel mount neon indicators, chrome-plated body, bezel, and facing nut
- Rated 55-60 volts; 100K resistor required
- Mounting hole: .27"



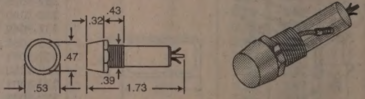
DIMENSIONS (IN.)

Hi-Rel (Resistor not included)

MOUSER STOCK NO.	Lens Color	Lead Length (In.)	Price Each 1	10	100	500
35MP100	Clear	5	2.90	2.41	2.19	Call

110 VAC NEON INDICATOR

- Sealed plastic neon indicator with internal dropping resistor
- Chrome-plated facing nut



DIMENSIONS (IN.)

MOUSER STOCK NO.	Lens Color	Price Each 1	10	100	500
36HN010	Red	1.94	1.61	1.47	Call
36HN012	Amber	1.94	1.61	1.47	

LYTRON DEVICES LED Numeric Displays

LED DISPLAYS

Electrical Characteristics:

- Forward voltage: red=1.7V (typ.) 2.0V (max.) hi-eff red, orange, yellow, and green: 2.1V (typ.) 3.0V (max.)
- Reverse current (Vr=3V): 100μA
- Peak emission wavelength @ (IF-20mA) red=655nm, hi-eff=635nm, orange=635nm, yellow=585nm, green=567nm

Absolute Maximum Ratings:

- Power dissipation: red=100mW, hi-eff red, orange, yellow, and green=85mW
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

Features:

- Industry standard pin-outs
- Available in five different colors
- Available in .30" or .56" single digits or .56" dual digits
- IC compatible devices

.30" Single Digit

MOUSER STOCK NO.	Fig.	*Replaces			Color	Luminous Intensity (IF=10mA)	Description	Price Each				
		General Instrument	IEE	ROHM		(mcd) Typ./Seg.		1	10	100	500	1000
351-1412	A	- - - - -	- - - - -	- - - - -	Red	1.8	Common Anode	1.74	1.45	1.32	1.20	Call For Quote
351-1310	C	MAN72A	LR72A	LA72	Red	0.45	Common Anode LHDP	1.82	1.69	1.41	1.23	
351-1420	B	MAN3910	LR3910A	LA3910	Hi-Eff Red	1.8	Common Anode RHDP	1.82	1.69	1.41	1.23	
351-1320	C	MAN3920	LR3920A	LA3920	Hi-Eff Red	1.8	Common Anode LHDP	1.82	1.69	1.41	1.23	
351-1220	B	MAN3940	LR3940A	LA3940	Hi-Eff Red	1.8	Common Cathode RHDP	1.82	1.69	1.41	1.23	
351-1432	A	MAN3610	LR3610A	LA3610	Orange	1.8	Common Anode	2.13	1.78	1.62	1.47	
351-1330	C	MAN3620	LR3620A	LA3620	Orange	1.8	Common Anode LHDP	1.82	1.69	1.41	1.23	
351-1230	B	MAN3640	LR3640A	LA3640	Orange	1.8	Common Cathode RHDP	1.82	1.69	1.41	1.23	
351-1440	B	MAN3810	- - - - -	LA3810	Yellow	1.6	Common Anode RHDP	1.82	1.69	1.41	1.23	
351-1340	C	MAN3820	- - - - -	LA3820	Yellow	1.6	Common Anode LHDP	1.82	1.69	1.41	1.23	
351-1240	B	MAN3840	- - - - -	LA3840	Yellow	1.6	Common Cathode RHDP	1.82	1.69	1.41	1.23	
351-1452	A	- - - - -	- - - - -	- - - - -	Green	1.65	Common Anode	1.84	1.53	1.39	1.27	
351-1350	C	MAN52A	- - - - -	LA3420	Green	1.65	Common Anode LHDP	1.82	1.69	1.41	1.23	
351-1250	B	MAN54A	- - - - -	LA3440	Green	1.65	Common Cathode RHDP	1.82	1.69	1.41	1.23	

*Nearest equivalent for the parts listed

.30" Overflow Single Digit

MOUSER STOCK NO.	Fig.	*Replaces			Color	Luminous Intensity (IF=10mA)	Description	Price Each				
		General Instrument	IEE	ROHM		(mcd) Typ./Seg.		1	10	100	500	1000
351-3710	D	MAN73	LR73A	LA73	Red	0.45	Common Anode	1.82	1.69	1.41	1.23	Call For Quote
351-3730	D	MAN3630	LR3630A	LA3630	Orange	1.8	Common Anode	1.82	1.69	1.41	1.23	
351-3740	D	MAN3830	- - - - -	LA3830	Yellow	1.6	Common Anode	1.82	1.69	1.41	1.23	
351-3750	D	MAN3430	- - - - -	LA3430	Green	1.65	Common Anode	1.82	1.69	1.41	1.23	

*Nearest equivalent for the parts listed

.56" Single Digit

MOUSER STOCK NO.	Fig.	*Replaces			Color	Luminous Intensity (IF=10mA)	Description	Price Each				
		General Instrument	IEE	ROHM		(mcd) Typ./Seg.		1	10	100	500	1000
351-4430	E	MAN6660	LR6660	LA6660	Orange	2.0	Common Anode RHDP	2.05	1.91	1.61	1.41	Call For Quote
351-4230	E	MAN6680	LR6680	LA6680	Orange	2.0	Common Cathode RHDP	2.05	1.91	1.61	1.41	
351-4440	E	MAN6860	- - - - -	LA6860	Yellow	1.75	Common Anode RHDP	2.05	1.91	1.61	1.41	
351-4240	E	MAN6880	- - - - -	LA6880	Yellow	1.75	Common Cathode RHDP	2.05	1.91	1.61	1.41	
351-4450	E	MAN6460	- - - - -	LA6460	Green	1.85	Common Anode RHDP	2.05	1.91	1.61	1.41	
351-4250	E	MAN6480	- - - - -	LA6480	Green	1.85	Common Cathode RHDP	2.05	1.91	1.61	1.41	

*Nearest equivalent for the parts listed

.56" 1-1/2 Digit

MOUSER STOCK NO.	Fig.	*Replaces			Color	Luminous Intensity (IF=10mA)	Description	Price Each				
		General Instrument	IEE	ROHM		(mcd) Typ./Seg.		1	10	100	500	1000
351-5210	F	MAN6750	LR6750	LB6750	Red	0.5	Common Cathode RHDP	2.98	2.82	2.69	2.59	Call For Quote
351-5430	F	MAN6630	LR6630	LB6630	Orange	2.0	Common Anode RHDP	2.98	2.82	2.69	2.59	
351-5230	F	MAN6650	LR6650	LB6650	Orange	2.0	Common Cathode RHDP	2.98	2.82	2.69	2.59	
351-5440	F	MAN6830	- - - - -	LB6830	Yellow	1.75	Common Anode RHDP	2.98	2.82	2.69	2.59	
351-5240	F	MAN6850	- - - - -	LB6850	Yellow	1.75	Common Cathode RHDP	2.98	2.82	2.69	2.59	
351-5450	F	MAN6430	- - - - -	LB6430	Green	1.85	Common Anode RHDP	2.98	2.82	2.69	2.59	
351-5250	F	MAN6450	- - - - -	LB6450	Green	1.85	Common Cathode RHDP	2.98	2.82	2.69	2.59	

*Nearest equivalent for the parts listed

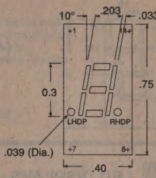
.56" Dual Digit

MOUSER STOCK NO.	Fig.	*Replaces			Color	Luminous Intensity (IF=10mA)	Description	Price Each				
		General Instrument	IEE	ROHM		(mcd) Typ./Seg.		1	10	100	500	1000
351-6410	G	MAN6710	LR6710	LB6710	Red	0.5	Common Anode RHDP	2.98	2.82	2.69	2.59	Call For Quote
351-6420	G	MAN6910	LR6910	LB6910	Hi-Eff Red	2.0	Common Anode RHDP	2.98	2.82	2.69	2.59	
351-6430	G	MAN6610	LR6610	LB6610	Orange	2.0	Common Anode RHDP	2.98	2.82	2.69	2.59	
351-6230	G	MAN6640	LR6640	LB6640	Orange	2.0	Common Cathode RHDP	2.98	2.82	2.69	2.59	
351-6440	G	MAN6810	- - - - -	LB6810	Yellow	1.75	Common Anode RHDP	2.98	2.82	2.69	2.59	
351-6240	G	MAN6840	- - - - -	LB6840	Yellow	1.75	Common Cathode RHDP	2.98	2.82	2.69	2.59	
351-6450	G	MAN6410	- - - - -	LB6410	Green	1.85	Common Anode RHDP	2.98	2.82	2.69	2.59	
351-6250	G	MAN6440	- - - - -	LB6440	Green	1.85	Common Cathode RHDP	2.98	2.82	2.69	2.59	

*Nearest equivalent for the parts listed

DIMENSIONS (IN.)

A



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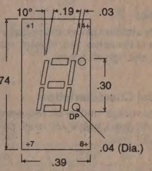

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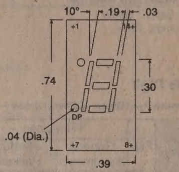

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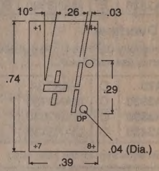

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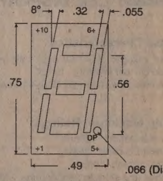

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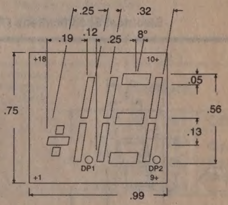

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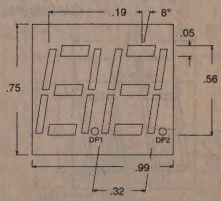
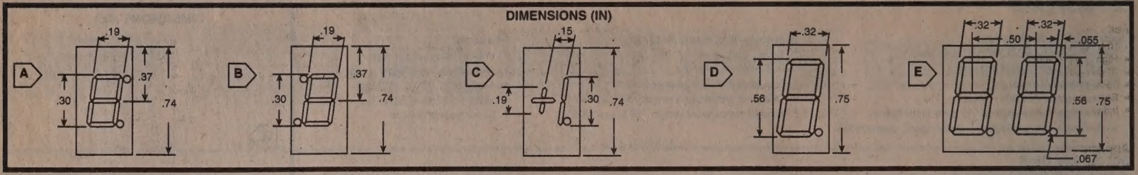


LED Numeric Displays



ROHM LED DISPLAYS

Features:

- Industry-standard pinout and package size
- Choice of five colors (red, high-eff. red, orange, yellow, and high-eff. green)
- Choice of single, dual or 1 1/2 digit versions
- IC compatible
- Coded for luminous intensity matching

Electrical Characteristics:

- Forward voltage: red, hi-eff. red, orange=2.0V (typ) 2.8V (max), yellow and hi-eff. green=2.1V (typ) 2.8V (max)
- Peak emission wavelength (I_F=10mA): red=650nm hi-eff. red=635nm, orange=610nm, yellow=585nm hi-eff. green=563nm

Absolute Maximum Ratings:

- Power dissipation: 60mW
- Forward current: 25mA
- Operating and storage temperature: -40°C+85°C
- Reverse voltage (per segment): 5V

.3" Single Digit

Typical Intensity (I_F=10mA): Yellow=1.0mcd

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	*Replaces		Color	Description	Price Each		
		General Instruments	Hewlett Packard			1	10	100
592-LA3810	A	MAN3810	5082-7621	Yellow	Com Anode RHDP	1.68	1.60	1.48
592-LA3820	B	MAN3820	5082-7620	Yellow	Com Anode LHDP	1.68	1.60	1.48

.3"±1 Overflow

Typical Intensity (I_F=10mA): Red=0.68mcd, Hi-efficiency Red=1.6mcd, Orange=1.5mcd, Hi-efficiency Green=2.2mcd

592-LA73	C	MAN73A	- - - - - -	Red	Common Anode	1.68	1.60	1.48
592-LA3930	C	MAN3930	- - - - - -	Hi-eff. Red	Common Anode	1.68	1.60	1.48
592-LA3630	C	MAN3630	- - - - - -	Orange	Common Anode	1.68	1.60	1.48
592-LA3430	C	MAN3430	- - - - - -	Hi-eff. Grn	Common Anode	1.68	1.60	1.48

* Nearest equivalent for the parts listed

.56" Single Digit

Typical Intensity (I_F=10mA): Red=0.68mcd, Hi-efficiency Red=1.6mcd, Orange=1.5mcd, Yellow=1.0mcd Hi-efficiency Green=2.2mcd

MOUSER STOCK NO.	Fig.	* Replaces		Color	Description	Price Each		
		General Instruments	Hewlett Packard			1	10	100
592-LA6760	D	MAN6760	HDSP-5301	Red	Com Anode RHDP	1.99	1.73	1.57
592-LA6780	D	MAN6780	HDSP-5303	Red	Com Cath RHDP	1.99	1.73	1.57
592-LA6960	D	MAN6960	HDSP-5501	Hi-eff. Red	Com Anode RHDP	2.27	1.99	1.81
592-LA6980	D	MAN6980	HDSP-5503	Hi-eff. Red	Com Cath RHDP	2.27	1.99	1.81
592-LA6660	D	MAN6660	- - - - - -	Orange	Com Anode RHDP	2.27	1.99	1.81
592-LA6680	D	MAN6680	- - - - - -	Orange	Com Cath RHDP	2.27	1.99	1.81
592-LA6860	D	MAN6860	HDSP-5701	Yellow	Com Anode RHDP	2.27	1.99	1.81
592-LA6880	D	MAN6880	HDSP-5703	Yellow	Com Cath RHDP	2.27	1.99	1.81
592-LA6460	D	MAN6460	HDSP-5801	Hi-eff. Grn	Com Anode RHDP	2.27	1.99	1.81
592-LA6480	D	MAN6480	HDSP-5803	Hi-eff. Grn	Com Cath RHDP	2.27	1.99	1.81

.56" Dual Digit

Typical Intensity (I_F=10mA): Red-0.68mcd, Hi-efficiency Red=1.6mcd, Orange=1.5mcd Yellow=1.0mcd, Hi-efficiency Green=2.0mcd

592-LB6710	E	MAN6710	HDSP-5321	Red	Com Anode RHDP	2.52	2.43	2.34
592-LB6740	E	MAN6740	HDSP-5323	Red	Com Cath RHDP	2.52	2.43	2.34
592-LB6910	E	MAN6910	- - - - - -	Hi-eff. Red	Com Anode RHDP	2.88	2.79	2.48
592-LB6940	E	MAN6940	HDSP-5523	Hi-eff. Red	Com Cath RHDP	2.88	2.79	2.48
592-LB6610	E	MAN6610	- - - - - -	Orange	Com Anode RHDP	2.88	2.79	2.48
592-LB6640	E	MAN6640	- - - - - -	Orange	Com Cath RHDP	2.88	2.79	2.48
592-LB6810	E	MAN6810	HDSP-5721	Yellow	Com Anode RHDP	2.88	2.79	2.48
592-LB6840	E	MAN6840	HDSP-5723	Yellow	Com Cath RHDP	2.88	2.79	2.48
592-LB6410	E	MAN6410	HDSP-5621	Hi-eff. Grn	Com Anode RHDP	2.88	2.79	2.48
592-LB6440	E	MAN6440	HDSP-5623	Hi-eff. Grn	Com Cath RHDP	2.88	2.79	2.48

* Nearest equivalent for the parts listed

LYTRON DEVICES LED DISPLAYS

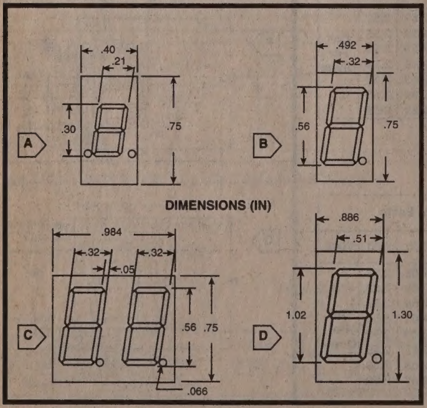
Electrical Characteristics:

- Forward voltage: red=1.6V (typ) 1.9V (max), hi-eff. red=2.2V (typ) 2.8V (max)
- Reverse current (Vr=5V): 100µA
- Peak emission wavelength @ (I_F=20mA): red=695nm hi-eff. red=655nm

Absolute Maximum Ratings:

- Power dissipation: 120mW
- DC forward current: 20mA
- Reverse current: 100µA
- Operating and storage temperature: -45°C to +85°C

Electrical Specifications (Ta=25°C)



Features:

- Industry standard pin-outs
- Available in red or high-efficiency red colors
- Available in .30", .56", or 1.02" single digits or .56" dual digits
- IC compatible devices

.30" Single Digit

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	Luminous Intensity (I_F=10mA)	Price Each			
				Typ/Seg	1	10	100	500
351-1738	A	Red	Common Cathode RHDP	0.8mcd	1.82	1.69	1.41	1.23
351-0074	A	Red	Common Cathode RHDP	0.8mcd	1.82	1.69	1.41	1.23

.56" Single Digit

MOUSER STOCK NO.	Fig.	*Replaces		Color	Description	Luminous Intensity (I_F=10mA)	Price Each			
		General Instruments	IEE			Typ/Seg	1	10	100	500
351-6980	B	MAN6980	LR6980	Hi-eff. Red	Common Cathode RHDP	1.4mcd	2.30	2.14	1.79	1.44
351-4220	B	MAN6980	LR6980	Hi-eff. Red	Common Cathode RHDP	3.9mcd	2.30	2.14	1.79	1.44
351-6960	B	MAN6960	LR6960	Hi-eff. Red	Common Anode RHDP	1.4mcd	2.30	2.14	1.79	1.44

.56" Dual Digit

MOUSER STOCK NO.	Fig.	*Replaces		Color	Description	Luminous Intensity (I_F=10mA)	Price Each			
		General Instruments	IEE			Typ/Seg	1	10	100	500
351-6940	C	MAN6940	LR6940	Hi-eff. Red	Common Cathode RHDP	1.4mcd	3.26	3.04	2.55	2.19

1.02" Single Digit

MOUSER STOCK NO.	Fig.	*Replaces		Color	Description	Luminous Intensity (I_F=10mA)	Price Each			
		General Instruments	IEE			Typ/Seg	1	10	100	500
351-1623	D	- - - - - -	LR1723R	Hi-eff. Red	Common Cathode RHDP	0.8mcd	3.84	3.49	3.17	2.88
351-1620	D	- - - - - -	- - - - - -	Hi-eff. Red	Common Anode RHDP	0.8mcd	3.84	3.49	3.17	2.88

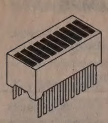
* Nearest equivalent for the parts listed

LYTRON DEVICES LED Displays

LED BAR GRAPHS

Features:

- 10 large, well defined segments
- High on-off contrast
- IC compatible
- Package interlock to ensure correct alignment
- End stackable for long string info. capability
- Individually addressable LED's for choice of drive
- Industry standard .30" wide and 0.10" spaced dual-in line configuration
- Wide viewing angle
- Low profile package
- Rugged construction



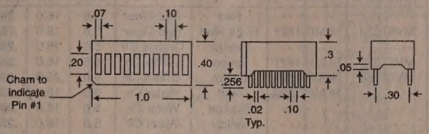
Applications:

- Instrumentation
- Industrial controls
- Office equipment
- Computer peripherals
- Consumer products

Specifications:

- Reverse current: 100µA @ 5V (per LED)

DIMENSIONS (IN.)



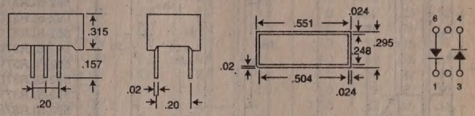
MOUSER STOCK NO.	Color	V_F Typ. Per LED @ 10mA	Luminous Intensity	Peak Emission Wavelength (nm)	Price Each			
					1	100	500	1000
351-2402	Red	2.1	2.0	635	3.59	2.89	2.59	Call For Quote
351-2403	Green	2.2	3.1	565	3.69	2.99	2.69	
351-2431	Yellow	2.0	2.4	585	4.61	3.73	3.36	

LED LIGHT BAR GRAPHS

Features:

- Dual LEDs allow for versatility
- End stackable
- Compatible with most DTL and TTL circuits
- Low cost, long life and high reliability
- Wide viewing angle
- Rugged construction
- Low profile
- Solid state reliability

DIMENSIONS (IN.)



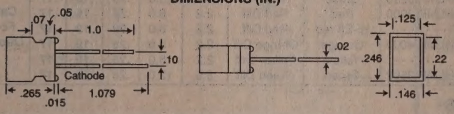
MOUSER STOCK NO.	Color	Lens Type	V_F	Luminous Intensity (mcd)		Price Each			
				Min.	Typ.	1	100	500	1000
351-1301	Red	Diffused	1.7	0.6	1.0	2.18	1.82	1.65	Call

LED LIGHT BAR

Features:

- Available in red, green, yellow, and orange
- End stackable
- Compatible with most DTL and TTL circuits
- Low cost, long life and high reliability
- Wide viewing angle
- Rugged construction
- Low profile
- Solid state reliability
- I_R=100µA (max @ V_R=5V)
- Lens type: diffused

DIMENSIONS (IN.)

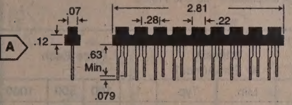


These light bars combine quality, low cost and attractive style into a package versatile enough to fit wide variety of needs.

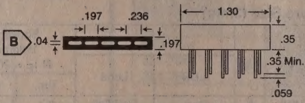
MOUSER STOCK NO.	Color	Electrical and Optical Characteristic (Ta=25°C)				Price Each			
		Peak Emission Wavelength (nm) I_F=10mA	V_F (V) @ I_F=10mA Typ.	Luminous Intensity in mcd @ 10mA Min.	Luminous Intensity in mcd @ 10mA Typ.	1	100	500	1000
351-7101	Red	655	2.1	0.8	1.4	.66	.49	.45	Call For Quote
351-7102	Green	565	2.1	2.0	6.5	.66	.49	.45	
351-7103	Yellow	585	2.0	2.0	6.5	.72	.55	.50	
351-7004	Orange	635	2.0	2.0	5.0	.72	.55	.50	

LIGHT ARRAYS

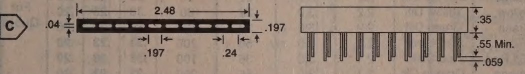
Open 10 Light Array



Enclosed 5 light Array



Enclosed 10 Light Array



DIMENSIONS (IN.)

Leads: .024 x .024
Lead spacing: .099

Specifications:

- Forward voltage typ. (V) @ 10mA: 1.6
- V_F (Typ) @ 10mA = 1.6V
- I_R = 100µA @ 5V (per LED)

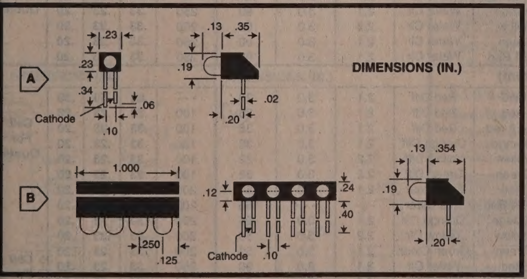
Features:

- Compatible with most DTL and TTL circuits
- Low cost, long life
- Solid state reliability

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Luminous Intensity (I_F=10mA)	Wavelength (nm)	Price Each		
					1	100	500
351-1811	A	Red	0.6	655	3.31	2.76	2.46
351-1821	A	Green	1.6	565	3.82	3.18	2.89
351-1831	A	Yellow	1.4	585	3.82	3.18	2.89
351-1901	B	Red	0.5	695	1.97	1.97	1.31
351-2001	C	Red	0.8	695	3.80	3.18	2.89
351-2021	C	Green	1.1	565	4.35	3.63	3.30
351-2003	C	Yellow	2.5	590	4.68	3.89	3.54

CIRCUIT BOARD LED INDICATORS



- Max. reverse voltage: 5V
- Max. reverse current (V_R=5V): 100µA
- Peak emission wavelength (I_F=20mA):
  Red=695 nm Green=565 nm
  Yellow=585 nm Red/Green=695/565 nm
- Lens type: diffused
- TTL and DTL compatible
- Low cost/long life
- Black plastic case for high contrast background

Individual Unit

MOUSER STOCK NO.	Fig.	Color	Forward Voltage I_F=10mA (V) (Typ.)	Luminous Intensity (I_F=10mA)		Price Each			
				Min.	Typ.	1	100	500	1000
351-2501	A	Red	2.2	0.2	2.7	.49	.39	.35	Call For Quote
351-2502	A	Green	2.0	1.0	13.0	.64	.46	.34	
351-2503	A	Yellow	2.0	1.0	5.0	.64	.46	.34	
351-2505	A	Red/Green	2.1	0.8	5.5	1.42	1.32	1.20	

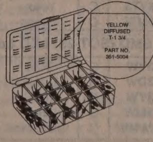
4-Unit

MOUSER STOCK NO.	Fig.	Color	Forward Voltage I_F=10mA (V) (Typ.)	Luminous Intensity Min.	Luminous Intensity Typ.	1	100	500	1000
351-2601	B	Red	2.2	1.2	2.7	1.79	1.49	1.36	Call For Quote
351-2621	B	Green	2.0	1.0	4.0	1.99	1.66	1.51	
351-2631	B	Yellow	1.9	1.0	3.2	1.99	1.66	1.51	

LIGHT EMITTING DIODE KIT

Contains 5 Each:

T-1 diffused red, green, yellow
T-1 clear red, green, yellow
T-1 3/4 diffused red, green, yellow
T-1 3/4 clear red, green, yellow
Rectangular diffused red, green, yellow
Square diffused red
T-1 3/4 dual color diffused red and green
Rectangular dual color diffused and green



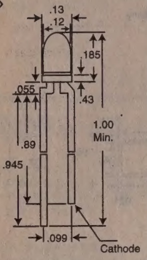
- 90 pieces
- 18 types fully assembled and keyed for easy use
- Compatible with most DTL and TTL circuits
- Both clear and diffused lenses
- T-1 and T-1 3/4 round, rectangular, and square packaging
- 2 dual color LEDs included

MOUSER STOCK NO.	Price Each
370-35LED-1	39.95

ROHM LED Lamps

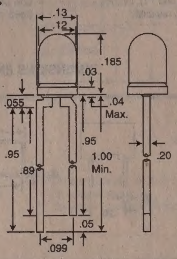
DIMENSIONS (IN.)

A



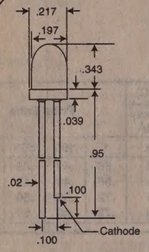
DIMENSIONS (IN.)

B



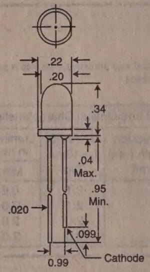
DIMENSIONS (IN.)

C



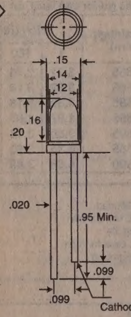
DIMENSIONS (IN.)

D



DIMENSIONS (IN.)

E



DIMENSIONS (IN.)

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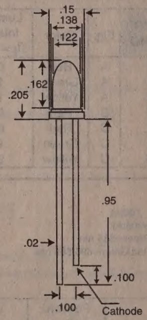
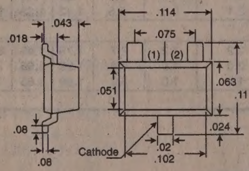


DIMENSIONS (IN.)

G



STANDARD LED LAMPS

Specifications:

- Forward current: 20mA (T-1), 25mA (T-1 3/4)
- Peak forward current: 60mA

Electrical Specifications:

- Forward voltage (I_F = 20mA): 3.0V (max)
- Peak emission wavelength: red=650nm, high efficiency red=635nm, orange=610nm, yellow=585nm, green=563nm

T-1 Miniature Size (3mm)

MOUSER STOCK NO.	Fig.	✻Replaces		Color		Luminous Intensity @ 20mA(mcd)		Price Each			
		General Instruments	Hewlett Packard	LED	Lens	Min.	Typ.	1	100	500	1000
592-SLR37VC3	A	- - - - - - -	- - - - - - -	Red	Red Clear	5.6	16.0	.28	.19	.17	Call For Quote
592-SLR37URC3	A	MV57620	HLMP-1321	Hi-Eff Red	Red Clear	5.6	16.0	.28	.19	.17	
592-SLR37DC3	A	- - - - - - -	- - - - - - -	Orange	Orange Clr	5.6	16.0	.28	.19	.17	
592-SLR37YC3	A	MV57621	HLMP-1421	Yellow	Yellow Clr	5.6	16.0	.28	.19	.17	
592-SLR37MC3	A	MV54644	HLMP-1521	Green	Green Clr	9.0	25.0	.28	.19	.17	
592-SLR37VT3	A	- - - - - - -	HLMP-1200	Red	Water Clr	5.6	16.0	.28	.19	.17	
592-SLR37DT3	B	- - - - - - -	- - - - - - -	Orange	Water Clr	5.6	16.0	.28	.19	.17	
592-SLR37YT3	B	- - - - - - -	- - - - - - -	Yellow	Water Clr	5.6	16.0	.28	.19	.17	
592-SLR37MT3	A	MV54600	HLMP-1520	Green	Water Clr	9.0	25.0	.28	.19	.17	
592-SLR37VR3	A	MV5074	HLMP-1000	Red	Red Diff	2.2	8.0	.28	.19	.17	Call For Quote
592-SLR37UR3	A	MV5774	HLMP-1300	Hi-Eff Red	Red Diff	2.2	8.0	.28	.19	.17	
592-SLR37DU3	A	MV5174	HLMP-K400	Orange	Orange Diff	2.2	8.0	.28	.19	.17	
592-SLR37YY3	A	MV5374	HLMP-1400	Yellow	Yellow Diff	2.2	8.0	.28	.19	.17	
592-SLR37MG3	A	MV52640	HLMP-1500	Green	Green Diff	3.6	12.0	.28	.19	.17	

✻Nearest equivalent for the parts listed

T-1 3/4 Standard Size (5mm)

MOUSER STOCK NO.	Fig.	General Instruments	Hewlett Packard	LED	Lens	Min.	Typ.	1	100	500	1000
592-SLR56VC3	C	MV5022	HLMP-3050	Red	Red Clear	5.6	16.0	.28	.19	.17	Call For Quote
592-SLR56URC3	C	MV5754	HLMP-4600	Hi-Eff Red	Red Clear	5.6	16.0	.28	.19	.17	
592-SLR56DC3	C	MV5154	- - - - - - -	Orange	Orange Clr	5.6	16.0	.28	.19	.17	
592-SLR56YC3	C	MV5354	- - - - - - -	Yellow	Yellow Clr	5.6	16.0	.28	.19	.17	
592-SLR56MC3	C	MV5252	HLMP-3517	Green	Green Clr	9.0	25.0	.28	.19	.17	
592-SLR56VT3	C	MV5020	- - - - - - -	Red	Water Clr	5.6	16.0	.28	.19	.17	
592-SLR56UT3	C	- - - - - - -	HLMP-3750	Hi-Eff Red	Water Clr	5.6	16.0	.28	.19	.17	
592-SLR56DT3	D	- - - - - - -	- - - - - - -	Orange	Water Clr	5.6	16.0	.28	.19	.17	
592-SLR56MT3	C	- - - - - - -	HLMP-3950	Green	Water Clr	9.0	25.0	.28	.19	.17	
592-SLR56VR3	C	MV5023	HLMP-3000	Red	Red Diff	2.2	8.0	.28	.19	.17	Call For Quote
592-SLR56UR3	C	MV5753	- - - - - - -	Hi-Eff red	Red Diff	2.2	8.0	.28	.19	.17	
592-SLR56DU3	C	MV5133	HLMP-4000	Orange	Orange Diff	2.2	8.0	.28	.19	.17	
592-SLR56YY3	C	MV5353	- - - - - - -	Yellow	Yellow Diff	2.2	8.0	.28	.19	.17	
592-SLR56MG3	C	MV5253	HLMP-3502	Green	Green Diff	3.6	12.0	.28	.19	.17	

SUPER -BRIGHT LED LAMPS

Electrical Specifications (Ta = 25°C):

Absolute Maximum Ratings:

- Power dissipation: 75mW
- Forward current: 25mA
- Peak forward current: 60mA
- Operating and storage temperature: -55°C to +100°C

T-1 Miniature Size (3mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
592-SLH34VR3	E	Red	Red Diff	2.1	3.0	22	80	.33	.23	.20	Call For Quote
592-SLH34UR3	E	Hi-Eff Red	Red Diff	2.1	3.0	36	100	.33	.23	.20	
592-SLH34DU3	E	Orange	Orange Diff	2.1	3.0	22	80	.33	.23	.20	
592-SLH34YY3	E	Yellow	Yellow Diff	2.2	3.0	22	80	.33	.23	.20	
592-SLH34MG3	E	Green	Green Diff	2.2	3.0	22	100	.33	.23	.20	
592-SLH34VC3	F	Red	Red Clear	2.1	3.0	56	200	.33	.23	.20	Call For Quote
592-SLH34URC3	E	Hi-Eff Red	Red Clear	2.1	3.0	36	100	.33	.23	.20	
592-SLH34DC3	F	Orange	Orange Clr	2.1	3.0	56	200	.33	.23	.20	
592-SLH34YC3	F	Yellow	Yellow Clr	2.2	3.0	56	200	.33	.23	.20	
592-SLH34MC3	F	Green	Green Clear	2.1	3.0	56	200	.33	.23	.20	
592-SLH34VT3	F	Red	Water Clr	2.1	3.0	13.5	47	.33	.23	.20	
592-SLH34DT3	F	Orange	Water Clr	2.1	3.0	90	250	.33	.23	.20	
592-SLH34YT3	F	Yellow	Water Clr	2.2	3.0	90	250	.33	.23	.20	
592-SLH34MT3	F	Green	Water Clr	2.1	3.0	90	250	.33	.23	.20	
592-SLH34UT3	E	H-Eff Red	Water Clr	2.1	3.0	90	250	.33	.23	.20	

T-1 3/4 Standard Size (5mm)

MOUSER STOCK NO.	Fig.	LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
592-SLH56LR3	D	Red	Red Diff	2.1	3.0	20	- - -	.63	.50	.38	Call For Quote
592-SLH56VR3	D	Red	Red Diff	2.1	3.0	36	100	.33	.23	.20	
592-SLH56UR3	D	Hi-Eff red	Red Diff	2.1	3.0	36	100	.33	.23	.20	
592-SLH56DU3	D	Orange	Orange Diff	2.1	3.0	36	100	.33	.23	.20	
592-SLH56YY3	D	Yellow	Yellow Diff	2.2	3.0	22	100	.33	.23	.20	
592-SLH56MG3	D	Green	Green Diff	2.2	3.0	36	100	.33	.23	.20	
592-SLH56VC3	C	Red	Red Clear	2.1	3.0	56	200	.33	.23	.20	Call For Quote
592-SLH56URC3	D	Hi-Eff Red	Red Clear	- - -	- - -	56	200	.33	.23	.20	
592-SLH56DC3	C	Orange	Orange Clr	2.1	3.0	56	200	.33	.23	.20	
592-SLH56YC3	C	Yellow	Yellow Clr	2.2	3.0	56	200	.33	.23	.20	
592-SLH56MC3	C	Green	Green Clear	2.1	3.0	56	200	.33	.23	.20	
592-SLH56VT3	C	Red	Water Clr	2.1	3.0	90	250	.33	.23	.20	
592-SLH56UT3	D	Hi-Eff Red	Water Clr	2.1	3.0	36	160	.33	.23	.20	
592-SLH56DT3	C	Orange	Water Clr	2.1	3.0	90	250	.33	.23	.20	
592-SLH56YT3	C	Yellow	Water Clr	2.2	3.0	90	250	.33	.23	.20	
592-SLH56MT3	C	Green	Water Clr	2.1	3.0	90	250	.33	.23	.20	

Standard SMD (SOT-23) LED Lamps

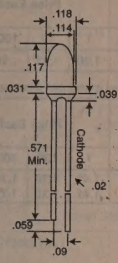
♦ Surface Mount Device

MOUSER STOCK NO.	Fig.	LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
♦ 592-SLM13VW	G	Red	Milky White	2.0	2.8	0.36	1.0	.50	.40	.30	Call For Quote
♦ 592-SLM13DW	G	Orange	Milky White	2.0	2.8	0.36	1.0	.50	.40	.30	
♦ 592-SLM13YW	G	Yellow	Milky White	2.1	2.8	0.36	1.0	.50	.40	.30	
♦ 592-SLM13MW	G	Green	Milky White	2.1	2.8	0.90	2.5	.50	.40	.30	
♦ 592-SLM23VMW	G	Red/Green	Milky White	2.0	2.8	0.36/0.9	1.0/2.5	.95	.76	.57	

LYTRON DEVICES LED Lamps

DIMENSIONS (IN.)

A



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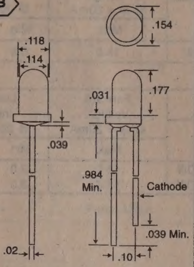

DIMENSIONS (IN.)

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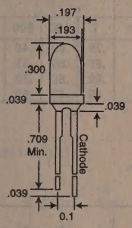
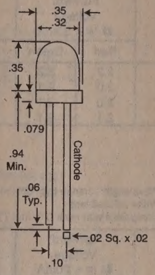


DIMENSIONS (IN.)

D



DIMENSIONS (IN.)

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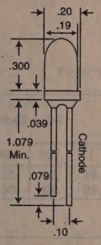

DIMENSIONS (IN.)

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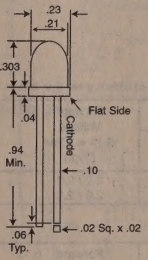

DIMENSIONS (IN.)

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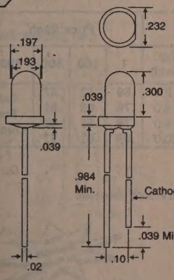

DIMENSIONS (IN.)

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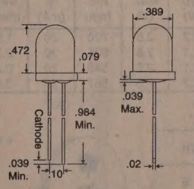


STANDARD LED LAMPS

Specifications:

- Forward current: 20mA
- Peak forward current: 55mA
- Peak emission wavelength: 1 red (GaAsP/GaAs) = 655nm, 2 red (GaP) = 695nm, green (GaP) = 565nm, yellow (GaAs/GaP) = 585nm, orange (GaAsP/GaP) = 635nm

T-1 Miniature Size (3mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-3001	A	1 Red	Red Diff	1.8	2.0	0.5	1.0	.19	.15	.13	Call For Quote
351-3003	A	Green	Green Diff	2.2	2.8	3.0	7.0	.32	.25	.22	
35BL506	A	Yellow	Yellow Diff	2.0	2.8	1.0	3.2	.32	.25	.22	
351-3011	A	1 Red	Red Clear	2.2	2.8	3.0	6.0	.28	.19	.16	
351-3013	A	Green	Green Clear	2.2	2.8	25	30	.32	.25	.22	
351-1742	A	Yellow	Yellow Clr	2.2	2.8	0.8	3.2	.46	.32	.29	
351-3102	B	Red	Red Diff	2.2	2.8	2.0	4.0	.29	.22	.20	
351-3103	B	Green	Green Diff	2.2	2.8	7.0	17.0	.32	.25	.22	
351-3104	B	Yellow	Yellow Diff	2.1	2.8	7.0	17.0	.34	.27	.24	

T-1 3/4 Standard Size (5mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-5001	C	1 Red	Red Diff	1.7	2.0	0.5	1.0	.20	.17	.15	Call For Quote
351-5022	C	2 Red	Red Diff	2.2	2.8	2.0	5.0	.34	.17	.15	
351-5003	C	Green	Green Diff	2.1	2.8	3.5	6.5	.32	.25	.22	
351-5023	C	Green	Green Diff	2.2	2.8	2.0	18.0	.38	.21	.19	
351-5025	C	Orange	Orange Diff	2.0	2.8	6.0	18.0	.41	.23	.21	
351-5004	C	Yellow	Yellow Diff	2.0	2.8	3.0	6.0	.32	.25	.22	
351-5024	C	Yellow	Yellow Diff	2.0	2.8	5.0	11.0	.45	.25	.23	
351-5031	C	1 Red	Red Clear	2.2	2.8	5.0	13.0	.25	.19	.18	
351-5033	C	Green	Green Clear	2.1	2.8	20.0	57.0	.38	.21	.19	Call For Quote
35BL557	C	Orange	Orange Clr	2.0	2.8	12.0	32.0	.43	.24	.22	
351-2742	C	Yellow	Yellow Clr	2.1	2.8	20.0	35.0	.45	.25	.23	
35BL559	C	Yellow	Yellow Clr	2.0	2.8	12.0	35.0	.45	.25	.23	

JUMBO 8mm LED's

Specifications:

- Reverse current @ 5V: .1mA
- Average forward current: 30mA
- Operating temperature range: -25°C to + 85°C
- Storage temperature range: -25°C to +85°C
- Solder temperature (5 seconds .063" from body): 260°C

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-7542	D	Red	Red Diff	2.1	3.0	2.1	3.0	.66	.44	.40	Call
351-7540	D	Green	Green Diff	2.1	3.0	1.8	2.6	.69	.47	.43	For
351-7541	D	Yellow	Yellow Diff	2.1	3.0	1.8	2.6	.74	.49	.45	Quote

SUPER-BRIGHT LED LAMPS

T-1 Miniature Size (3mm)

Specifications:

- Reverse current: 100µA
- Peak emission wavelength: 660 nm
- Forward current: 40mA max
- Reverse voltage: 5V max
- Operating storage temperature range: -40°C to 100°C

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-1230CR	B	Red	Water Clear	1.8	2.5	150	230	1.35	1.22	1.13	Call
351-1450CR	B	Red	Water Clear	1.8	2.5	300	450	2.16	1.96	1.78	For
351-1550CR	B	Red	Water Clear	1.8	2.5	400	550	3.24	2.89	2.63	Quote

T-1 3/4 Standard Size (5mm)

Specifications:

- Power dissipation: 70mW
- Forward current: 30mA
- Peak forward current: 10mA
- Operating and storage temperature: -40°C to +100°C

Applications:

- Automobile lamps
- Daylight visible indicators
- High power fiber optics
- Solid-state reliability
- Low power consumption

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-5540	E	Red	Red Clear	1.7	2.2	170	330	.74	.57	.52	Call For Quote
351-0200CR	F	Red	Water Clear	1.8	2.5	80	200	.62	.52	.47	
351-0180CR	G	Red	Water Clear	1.8	2.5	100	180	.73	.59	.49	
351-0500CR	F	Red	Water Clear	1.8	2.5	200	500	1.35	1.22	1.13	
351-0650CR	G	Red	Water Clear	1.8	2.5	400	650	2.16	1.96	1.78	
351-1000CR	G	Red	Water Clear	1.8	2.5	650	1000	3.24	2.89	2.63	

Jumbo (10mm)

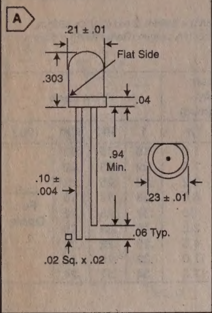
Specifications:

- Power dissipation: 100mW max. • Reverse voltage: 5V max. • Avg. forward current: 40mA max . • Peak emission wavelength: 660nm

351-21000CR	H	Red	Water Clear	1.8	2.5	600	1000	2.55	1.95	1.65	Call

LYTRON DEVICES LED Lamps

DIMENSIONS (IN.)


A
.21 ± .01
Flat Side
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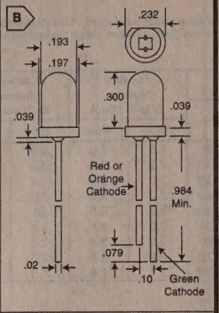
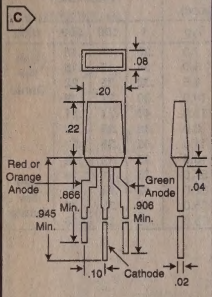
.04
.94
Min.
.10 ±
.004
.23 ± .01
.06 Typ.
.02 Sq. x .02

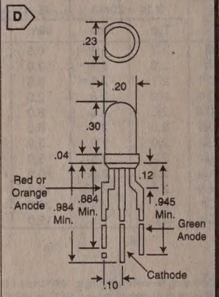
DIMENSIONS (IN.)


B
.232
.193
.197
.300
.039
.039
Red or
Orange
Cathode
.984
Min.
.079
.02
.10
Green
Cathode

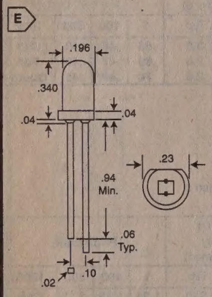
DIMENSIONS (IN.)


C
.08
.20
.22
Red or
Orange
Anode
.866
Min.
.945
Min.
Green
Anode
.906
Min.
.04
.10
Cathode
.02

DIMENSIONS (IN.)


D
.23
.20
.30
.04
.12
Red or
Orange
Anode
.984
Min.
.884
Min.
.945
Min.
Green
Anode
.10
Cathode

DIMENSIONS (IN.)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Min.
.06
Typ.
.02
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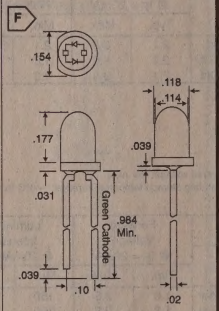
DIMENSIONS (IN.)


F
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Green Cathode
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Min.
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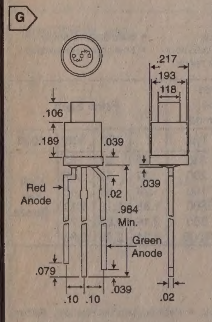
.02

DIMENSIONS (IN.)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.189
.039
Red
Anode
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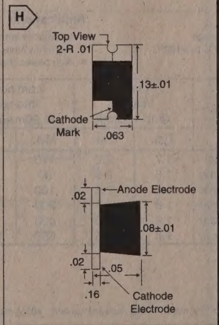
.039
.984
Min.
Green
Anode
.079
.10 .10
.039
.02

DIMENSIONS (IN.)


H
Top View
2-R .01
.13±.01
Cathode
Mark
.063
Anode Electrode
.02
.08±.01
.02
.05
.16
Cathode
Electrode

BLINKING LED'S

Ta = 25°C Test Condition @ 5V (Typical Characteristics)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA	Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Max.	Min.	Typ.	1	10	100	500
351-50001	A	Red	Red Diff	15.0	0.8	1.2	1.20	1.11	.95	.85

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA	Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Max.	Min.	Typ.	1	100	500	1000
351-8002	A	Green	Green Diff	15.0	2.0	7.0	1.41	1.30	1.11	.99
351-8003	A	Yellow	Yellow Diff	15.0	3.0	7.0	1.41	1.30	1.11	.99

DUAL COLOR LED LAMPS

Red/Green Colored Lamps

Specifications:

- Reverse voltage max.: 5V
- Power dissipation: 120mW
- Reverse current @ 5V: 100µA
- Wavelength: red, (typ.) 655nm, green, (typ.) 565nm
- White diffused lens
- Compatible with most DTL and TTL circuits

MOUSER STOCK NO.	Fig.	Number of Leads	Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
			Red	Green	Red	Green	1	100	500	1000
351-5101	B	2	2.2	2.2	1.5	5.5	.79	.59	.49	Call For Quote
351-5102	C	3	2.0	2.1	0.5	2.0	.85	.65	.55	
351-5103	D	3	2.0	2.1	4.0	15.0	.82	.62	.52	
351-2461	E	2	2.1	2.1	3.8	2.8	.89	.69	.59	

Orange/Green Colored Lamps

Specifications:

- Reverse voltage max: 5V
- Power dissipation: 80mW
- Reverse current @ 5V: 100µA
- Wavelength: orange (typ) 635nm, green (typ)565nm
- White diffused lens
- Compatible with most DTL and TTL circuits

MOUSER STOCK NO.	Fig.	Number of Leads	Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
			Orange	Green	Orange	Green	1	100	500	1000
351-5104	B	2	2.0	2.2	3.5	3.5	.89	.68	.58	Call For Quote
351-5107	C	3	2.0	2.2	3.0	3.5	.89	.68	.58	
351-5105	D	3	2.0	2.2	18	14	.89	.68	.58	

T-1 Miniature Size (3.0mm)

Specifications:

- Reverse voltage: 5V max
- Power dissipation: 100mW max
- Reverse current: 100µA
- Peak emission wavelength: red (typ) 695nm, orange (typ) 635nm, green (typ) 570nm

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA (Typ.)	Luminous Intensity @ 20mA(mcd)	Price Each			
		LED	Lens			1	100	500	1000
351-3301	F	Red/Green	White Diff	2.2 / 2.2	1.2 / 6.0	.85	.65	.55	Call
351-3302	F	Org/Green	White Diff	2.0 / 2.2	8.0 / 6.0	.89	.68	.58	

Pin Point .12" Diameter (3.0mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA (Typ.)	Luminous Intensity @ 20mA(mcd)	Price Each			
		LED	Lens			1	100	500	1000
351-3401	G	Red/Green	White Diff	2.2 / 2.2	0.7 / 2.0	.85	.65	.55	Call

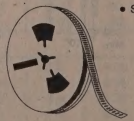
CHIP LED'S

- Diffused LED's

MOUSER STOCK NO.	Fig.	Color	Max I_F (mA)	Fwd Volt I_F=20mA		Wave-length	Luminous Intensity @ I_F			Price Each			
				Typ. (V)	Max. (V)	Typ. (nm)	I_F (mA)	Min. (mcd)	Typ. (mcd)	1	100	500	1000
351-150R	H	Red	25	2.2	2.6	700	20	1.0	2.4	.69	.62	.57	Call For Quote
351-301O	H	Orange	20	2.1	2.6	605	20	2.2	4.0	.76	.68	.62	
351-301Y	H	Yellow	20	2.1	2.6	585	20	2.2	4.0	.76	.68	.62	
351-150G	H	Green	25	2.2	2.6	567	20	5.0	20.0	.69	.62	.57	

CHIP LED'S (same as above)

MOUSER STOCK NO.	Color	Price Each	
		1	5
351-150R/REEL	Red	1186.50	Call For Quote
351-150O/REEL	Orange	1295.00	
351-150Y/REEL	Yellow	1295.00	
351-150G/REEL	Green	1283.31	

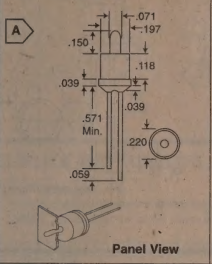


- Supplied in 3000 piece reels

Now Available In Reels

LYTRON DEVICES LED Lamps

DIMENSIONS (IN.)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Min.
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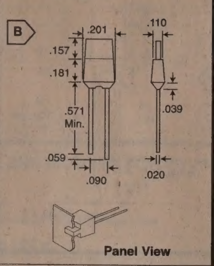
Panel View

DIMENSIONS (IN.)


B
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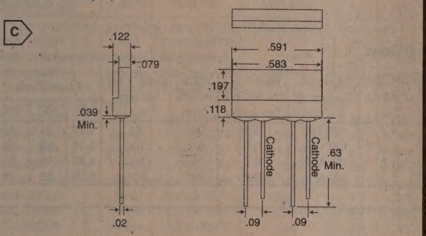
.571
Min.
.059
.090
.020
Panel View

DIMENSIONS (IN.)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Min.
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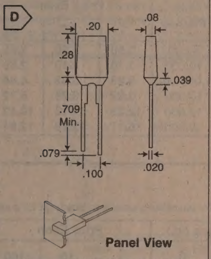
.197
.118
Cathode
Cathode
.63
Min.
.09
.09

DIMENSIONS (IN.)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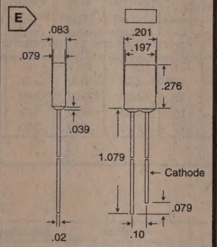
Min.
.079
.100
.020
Panel View

DIMENSIONS (IN.)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Cathode
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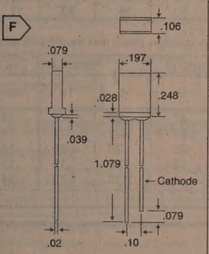
DIMENSIONS (IN.)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Cathode
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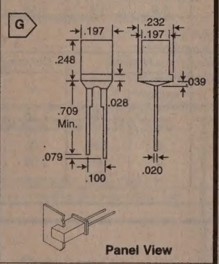
DIMENSIONS (IN.)


G
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Min.
.079
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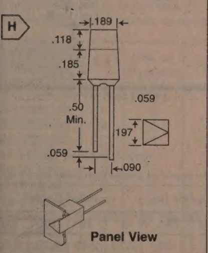
.020
Panel View

DIMENSIONS (IN.)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Min.
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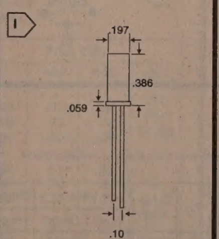
Panel View

DIMENSIONS (IN.)


I
.197
.386
.059
.10

SPECIAL SHAPE LED LAMPS

Pin Point .08" Diameter (2mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-2101	A	Red	Red Diff	2.2	2.8	0.4	1.0	.29	.22	.20	Call For Quote
351-2103	A	Green	Green Diff	2.2	2.8	1.8	4.0	.32	.25	.22	
351-2104	A	Yellow	Yellow Diff	2.2	2.8	2.0	4.0	.34	.27	.24	

Rectangular .04" x .2" (1mm x 5mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
35BL511	B	Red	Red Diff	1.65	2.0	0.1	0.3	.29	.22	.20	Call For Quote
351-6403	B	Green	Green Diff	2.2	2.8	1.0	2.5	.32	.25	.22	
351-6404	B	Yellow	Yellow Diff	2.2	2.8	1.5	2.5	.34	.27	.24	

Rectangular (2mm x 15mm)

Features:

- Reverse current: 5V max.
- Average forward current: 30mA max
- Peak wavelength: red (typ) = 695nm, green (typ) = 570nm, yellow (typ) = 590nm

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 10mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-6501	C	Red	Red Diff	2.2	2.8	0.8	1.6	.81	.62	.52	Call For Quote
351-6503	C	Green	Green Diff	2.2	2.8	0.8	2.0	.89	.68	.58	
351-6504	C	Yellow	Yellow Diff	2.2	2.8	0.8	2.0	.98	.75	.63	

Rectangular .08" x .2" (2mm x 5mm)

Specifications:

- Forward current: 30mA
- Reverse voltage: 5V
- Peak emission wavelength: red 695nm, green 565nm, yellow 585nm
- Reverse current: 100µA

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-6201	D	Red	Red Diff	2.1	2.8	0.2	0.5	.29	.22	.20	Call For Quote
351-6203	D	Green	Green Diff	2.0	2.8	0.5	2.0	.43	.28	.25	
351-6204	D	Yellow	Yellow Diff	2.0	2.8	0.5	1.7	.45	.30	.27	
351-6212	E	Red	Red Diff	2.1	2.8	0.5	1.0	.29	.22	.20	
351-6213	E	Green	Green Diff	2.1	2.8	1.5	3.0	.32	.25	.22	
351-6214	E	Yellow	Yellow Diff	2.0	2.8	1.0	2.5	.34	.27	.24	
351-9402	F	Red	Red Diff	2.1	2.8	0.5	1.0	.29	.22	.20	
351-9403	F	Green	Green Diff	2.1	2.8	1.5	3.0	.32	.25	.22	
351-9404	F	Yellow	Yellow Diff	2.0	2.8	1.0	2.5	.34	.27	.24	

Square .2" x .2" (5mm x 5mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
35BL513	G	Red	Red Diff	1.65	2.0	0.1	0.3	.30	.23	.21	Call For Quote
351-6803	G	Green	Green Diff	2.1	2.8	2.5	4.5	.43	.28	.26	
351-6804	G	Yellow	Yellow Diff	2.1	2.8	2.1	4.0	.45	.30	.27	
351-9540	G	Red	Red Clear	1.7	2.0	0.32	0.9	.38	.27	.24	

Triangular .19" (4.8mm)

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
35BL515	H	Red	Red Diff	1.7	2.0	- - -	0.35	.34	.26	.24	Call

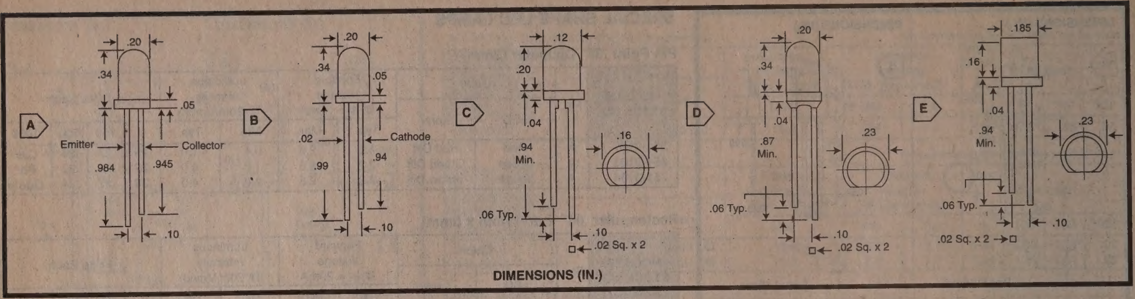
Cylindrical (5mm)

Specifications:

- Reverse current @ 5V: .1mA
- Operating storage temperature: -55°C to +100°C
- Peak wavelength: red (GAASP/GAP) = 635nm, green (GAP) = 565nm, yellow (GAASP/GAP) = 585nm
- Solder temperature (5 seconds .08" from body): 260°C

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 10mA(mcd)		Price Each			
		LED	Lens	Typ.	Max.	Min.	Typ.	1	100	500	1000
351-5042	I	Red	Red Diff	1.7	2.8	1.8	3.0	.32	.25	.22	Call For Quote
351-5043	I	Green	Green Diff	1.7	2.8	1.0	2.0	.34	.27	.24	
351-5044	I	Yellow	Yellow Diff	1.7	2.8	1.8	3.0	.38	.30	.27	

LED Lamps, Flash Tubes, and Transformers



DIMENSIONS (IN.)

LYTRON DEVICES LED LAMPS

T-1 3/4 Infrared NPN Phototransistor

- May be used with IRED's below for emitter/detector pair

For quantities greater than listed, call for quote.

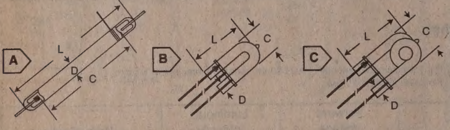
MOUSER STOCK NO.	Fig.	Collector to Emitter		Emitter to Collector Breakdown Volt @ 10μA	Collector Dark Current @ 20V$_{CE}$	Price Each		
		Sustaining Volt @ 100μA	Saturation Volt @ 100μA			1	100	500
351-2202	A	60V Typ.	0.4V Max.	5.0V Min.	100nA	1.18	.91	.83

Infrared Emitting Diodes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Fwd. Volt @ 20mA (Typ.)	Reverse Current @ 5V (μA)	Rad Pwr. I$_F$=100mA Typ (mW)	Wave-length (nm)	Cont. Fwd Current (mA)	Price Each		
							1	100	500
351-2201	B	1.2	10 Max.	3.0	940	50	1.18	.91	.83
351-1155	C	1.3	100 Max.	10.0	940	100	1.15	.95	.85
351-1153	D	1.3	100 Max.	16.0	940	100	1.29	.99	.89
351-1154	E	1.3	100 Max.	13.0	940	100	1.09	.82	.75

FLASH TUBES



DIMENSIONS (IN.)

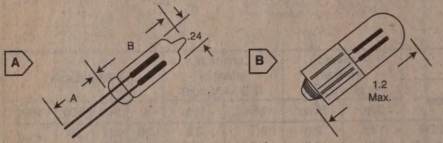
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Dimensions (In.)			Nominal Anode Voltage	Min. Trigger Voltage	Flash Energy (WS)	Life Flashes	Price Each		
			L	D	C					1	10	100
36FT050	A	FT-4050	1.97	.16	1.14	360	4KV	60	3,000	3.50	2.90	2.65
36FT106	B	FT6531	1.50	.24	.78	300	6KV	60	10,000	3.70	3.10	2.80
361-4425	B	U-4425	1.26	.24	.635	400	4KV	4	1,000,000	5.85	5.32	4.84
361-8538	B	U-8538	2.04	.33	.95	400	6KV	100	10,000	6.92	6.29	5.72
361-0118	C	FT-118	1.72	.24	1.03	450	6KV	125	10,000	12.25	11.13	10.12
361-0218	C	FT-218	2.29	.33	1.27	450	6KV	250	10,000	15.17	13.79	12.54

NEON LAMPS

- Neon lamps are used for indicators and circuit control applications
- Ideal for line-voltage AC and 90V and up DC applications

DIMENSIONS (IN.)



High Brightness

For quantities greater than listed, call for quote.

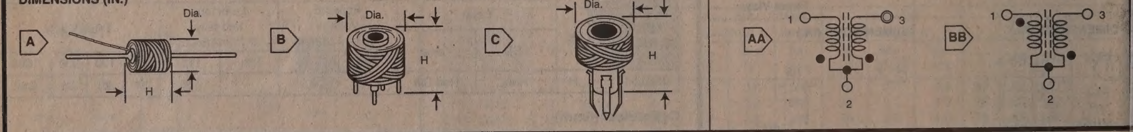
MOUSER STOCK NO.	Fig.	Type	Breakdown Voltage (max.) AC/DC	Nominal		Dimensions (In.)		Price Each		
				Current (mA)	Watts (W)	A	B	1	10	100
36NE004	A	A1C	95/135	1.2	1/7	1.18	.47	.24	.19	.16
36NE005	A	NE-2H	95/135	1.9	1/4	1.18	.63	.25	.20	.17

Standard

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Breakdown Voltage (max.) AC/DC	Nominal		Dimensions (In.)		Price Each		
				Current (mA)	Watts (W)	A	B	1	10	100
36NE006	A	A1B	65/90	.3	1/25	1.18	.47	.20	.16	.13
36NE007	A	NE-2E	65/90	.7	1/12	1.18	.63	.21	.17	.14
36NE002	A	NE-2	65/90	.5	1/25	1.00	.68	.20	.16	.13
36NE003	A	NE2B	65/90	.3	1/25	1.00	.50	.20	.16	.13
36NE051	B	NE-51	45/85	.3	1/25	- - -	- - -	2.10	1.75	1.59

DIMENSIONS (IN.)



H/V TRIGGER TRANSFORMERS

- See capacitor section of this catalog for related products

For quantities greater than listed, call for quote.

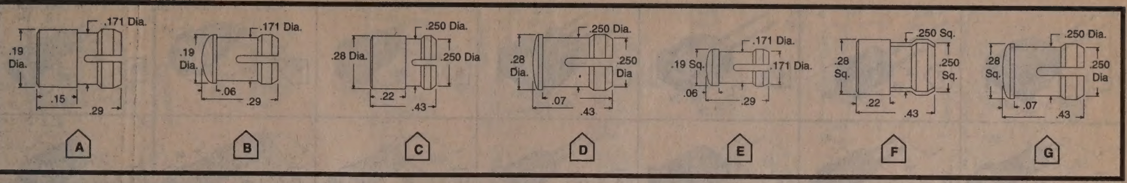
MOUSER STOCK NO.	Fig.	Sche-matic	Volts		Dimensions (In.)		Price Each			
			Input	Output	Height	Dia.	1	10	100	500
42FM401	A	AA	300	4000	.51	.28	2.06	1.75	1.58	1.44
42FM403	B	BB	300	4000	.30	.50	2.79	2.45	2.23	2.02

- See capacitor section of this catalog for related products

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Sche-matic	Volts		Dimensions (In.)		Price Each			
			Input	Output	Height	Dia.	1	10	100	500
42FM602	C	BB	300	6000	.68	.55	2.79	2.45	2.23	2.02
42FM901	B	BB	300	10000	.32	.70	2.74	2.51	2.27	2.08

LED Lenses and Mounting Components


.171 Dia.
.19 Dia.
.15
.29
A
.171 Dia.
.19 Dia.
.06
.29
B
.250 Dia.
.28 Dia.
.250 Dia
.22
.43
C
.250 Dia.
.28 Dia.
.250 Dia
.07
.43
D
.171 Dia.
.19 Sq.
.171 Dia.
.06
.29
E
.250 Sq.
.28 Sq.
.250 Sq.
.22
.43
F
.250 Dia.
.28 Sq.
.250 Dia
.07
.43
G

CLIPLITE AND CUBELITE LENS MOUNTS FOR T1 AND T1 3/4 LEDS

DIMENSIONS (IN.)

pecifications:

Material: Lens-polycarbonate, spacer-nylon

Design: Standard and low profile lenses with fresnel rings and striated lines

Features:

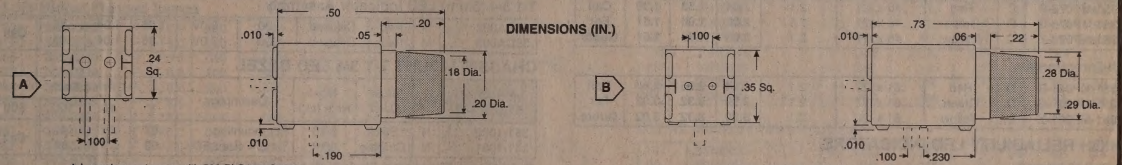
- Provides viewing angles up to 180°C
- High contrast and visibility
- Provides an easy snap-mount method for mounting LEDs through the front panel
- Protects the LED from physical damage from electrostatic discharge (ESD), up to 16KV

ound Lens For 3mm and 5mm LEDs

MOUSER STOCK NO.	Fig.	Lens Colors	VCC Part No.	Mounting Hole Size (In.)	Price Each			
					1	100	500	1000
T1 (3mm) Standard Height (also fits 593-PLC490 holder shown below)								
593-1900R	A	Red	SML190RTP	.171	**.26**	**.20**	**.17**	**Call For Quote**
593-1900G	A	Green	SML190GTP	.171	**.26**	**.20**	**.17**	
593-1900Y	A	Yellow	SML190YTP	.171	**.26**	**.20**	**.17**	
593-1900C	A	Clear	SML190CTP	.171	**.26**	**.20**	**.17**	
T1 (3mm) Low Profile								
593-2000R	B	Red	SMB200RTP	.171	**.26**	**.20**	**.17**	
593-2000G	B	Green	SMB200GTP	.171	**.26**	**.20**	**.17**	
593-2000Y	B	Yellow	SMB200YTP	.171	**.26**	**.20**	**.17**	
593-2000C	B	Clear	SMB200CTP	.171	**.26**	**.20**	**.17**	
T1 3/4 (5mm) Standard Height (also fits 593-PCR740 holder shown below)								
593-2800R	C	Red	CLF280RTP	.250	**.29**	**.22**	**.18**	
593-2800G	C	Green	CLF280GTP	.250	**.29**	**.22**	**.18**	
593-2800Y	C	Yellow	CLF280YTP	.250	**.29**	**.22**	**.18**	
593-2800C	C	Clear	CLF280CTP	.250	**.29**	**.22**	**.18**	**Call For Quote**
T1 3/4 (5mm) Low Profile								
593-3000R	D	Red	CLB300RTP	.250	**.29**	**.22**	**.18**	
593-3000G	D	Green	CLB300GTP	.250	**.29**	**.22**	**.18**	
593-3000Y	D	Yellow	CLB300YTP	.250	**.29**	**.22**	**.18**	
593-3000C	D	Clear	CLB300CTP	.250	**.29**	**.22**	**.18**	

Square Lens For 3mm and 5mm LEDs

MOUSER STOCK NO.	Fig.	Lens Colors	VCC Part No.	Mounting Hole Size (In.)	Price Each			
					1	100	500	1000
T1 (3mm) Low Profile								
593-2500R	E	Red	SMQ250RTP	.171	**.26**	**.20**	**.17**	**Call For Quote**
593-2500G	E	Green	SMQ250GTP	.171	**.26**	**.20**	**.17**	
593-2500Y	E	Yellow	SMQ250YTP	.171	**.26**	**.20**	**.17**	
593-2500C	E	Clear	SMQ250CTP	.171	**.26**	**.20**	**.17**	
T1 3/4 (5mm) Standard Height								
593-3600R	F	Red	SQL360RTP	.250	**.26**	**.20**	**.17**	
593-3600G	F	Green	SQL360GTP	.250	**.26**	**.20**	**.17**	
593-3600Y	F	Yellow	SQL360YTP	.250	**.26**	**.20**	**.17**	
593-3600C	F	Clear	SQL360CTP	.250	**.26**	**.20**	**.17**	
T1 3/4 (5mm) Low Profile								
593-4000R	G	Red	SQB400RTP	.250	**.29**	**.22**	**.18**	**Call For Quote**
593-4000G	G	Green	SQB400GTP	.250	**.29**	**.22**	**.18**	
593-4000Y	G	Yellow	SQB400YTP	.250	**.29**	**.22**	**.18**	
593-4000C	G	Clear	SQB400CTP	.250	**.29**	**.22**	**.18**	


A
.24 Sq.
.100
.50
.20
.010
.05
.18 Dia.
.20 Dia.
.010
.190
B
.100
.35 Sq.
.73
.010
.06
.22
.28 Dia.
.29 Dia.
.010
.100
.230

DIMENSIONS (IN.)

* Lens does not come with 593-PLC490. Order lenses separately. Fits 593-1900 series above

* Lens does not come with 593-PCR740. Order lenses separately. Fits 593-2800 series above

-C LITE PCB MOUNTS FOR 3mm AND 5mm LEDS

r use with Cliplite standard lenses (must be ordered separately)

pecifications:

Material: body-general purpose nylon

Mounting: PC board, horizontally or vertically on .100" hole centers

Features:

- Combined with the Cliplite lens, permits either horizontal or vertical mounting of standard 3mm or 5mm LEDs to a PC board
- Eliminates hard wiring to the panel and LED is still flush mounted, recessed or extended through the panel for full visibility
- Helps to prevent IC failures caused by electrostatic discharge (ESD), up to 10KV

MOUSER STOCK NO.	Fig.	LED Size	Price Each			
			1	100	500	1000
593-PCL490	A	T1	**.29**	**.22**	**.18**	**Call**
593-PCR740	B	T1 3/4	**.31**	**.24**	**.21**	

-C LITE CIRCUIT BOARD SOCKETS FOR LEDS

pecifications:

Material: Housing-nylon, UL 94V-0 (black)

Unique contact design permits automatic adjustment to the various sizes and shapes of the LED leads. Also accommodates IR emitters, phototransistors, and incandescent bi-pin lamps.

For use with 3mm or 5mm LEDs

Will accept round or square LED leads

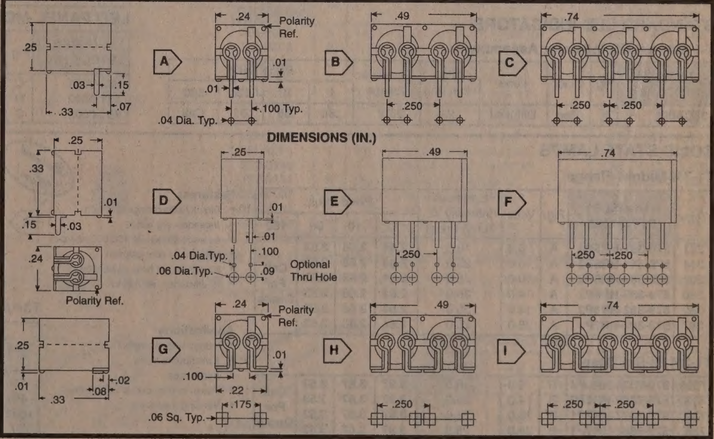
atures:

Used as circuit board mounting sockets for status, logic and fault detection lights

Are relampable with no direct soldering to the LED

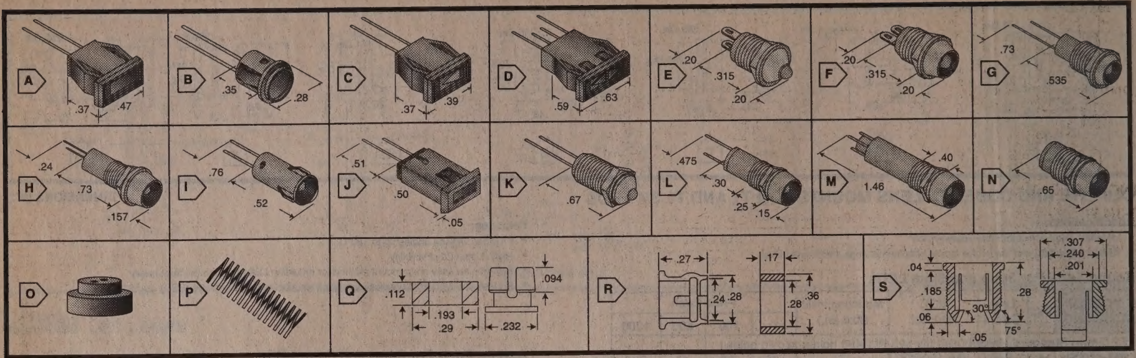
Polarity identification is provided on each socket

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	100	500	1000
hru Hole, Horizontal Socket						
93-PCH330	A	1	**.66**	**.51**	**.45**	**Call For Quote**
93-PCH660	B	2	**.99**	**.76**	**.68**	
93-PCH990	C	3	**1.56**	**1.20**	**1.06**	
hru Hole, Vertical Socket						
93-PCV220	D	1	**.66**	**.51**	**.45**	
93-PCV440	E	2	**.99**	**.76**	**.68**	
93-PCV880	F	3	**1.56**	**1.20**	**1.06**	
urface Mount, Horizontal Socket						**Call For Quote**
93-SMD330	G	1	**.66**	**.51**	**.45**	
93-SMD660	H	2	**.99**	**.76**	**.68**	
93-SMD990	I	3	**1.56**	**1.20**	**1.06**	


.25
.03
.15
.33
.07
A
.24
Polarity Ref.
.01
.01
.100 Typ.
.04 Dia. Typ.
B
.49
.250
C
.74
.250
.250
DIMENSIONS (IN.)
.25
.33
.01
.15
.03
D
.25
.01
.01
.100
.04 Dia.Typ.
.06 Dia.Typ.
.09
Optional Thru Hole
E
.49
.250
F
.74
.250
.250
.24
Polarity Ref.
.25
.01
.33
.02
.08
G
.24
Polarity Ref.
.01
.100
.22
.175
.06 Sq. Typ.
H
.49
.250
I
.74
.250
.250

LYTRON DEVICES Indicators and Lamps

DIMENSIONS (IN.)



SNAP IN LED INDICATOR

Features: • Diffused lenses • Black plastic housing

Rectangular

MOUSER STOCK NO.	Fig.	Color	Mtg. Hole (In.)	Forward Voltage (V)	Price Each			
					1	10	100	500
351-MP072-R	A	Red	.46 x .21	2.1	2.43	2.03	1.84	Call For Quote
351-MP072-G	A	Green	.46 x .21	2.1	2.55	2.12	1.93	
351-MP072-Y	A	Yellow	.46 x .21	2.1	2.55	2.12	1.93	

Round

351-MP075-R	B	Red	.31	2.1	1.97	1.64	1.49	Call For Quote
351-MP075-G	B	Green	.31	2.1	2.34	1.95	1.78	
351-MP075-Y	B	Yellow	.31	2.1	2.34	1.95	1.78	

Directional

MOUSER STOCK NO.	Fig.	Color	Mtg. Hole (In.)	Forward Voltage (V)	Price Each			
					1	10	100	500
351-MP078-R	C	Red	.46 x .21	2.1	1.84	1.53	1.39	Call For Quote
351-MP078-G	C	Green	.46 x .21	2.1	2.00	1.66	1.51	
351-MP078-Y	C	Yellow	.46 x .21	2.1	2.00	1.66	1.51	

Bi-Directional

351-MP081-R	D	Red	.61 x .22	2.1	3.54	2.95	2.68	Call For Quote
351-MP081-G	D	Green	.61 x .22	2.1	3.99	3.32	3.02	
351-MP081-Y	D	Yellow	.61 x .22	2.1	3.99	3.32	3.02	

HIGH RELIABILITY LED INDICATORS

- Red LED indicators

MOUSER STOCK NO.	Fig.	Description	Mtg. Hole (In.)	Forw. Volt	Max. I_F (mA)	Max. V_R	Price Each			
							1	100	500	1000
35MP050	E	Black Plastic	.37	2.1	30	4	3.00	2.50	2.27	Call For Quote
35MP051	F	Black Plastic	.37	2.1	30	4	3.00	2.50	2.27	
35MP054	E	Metal Case	.37	2.1	30	4	3.78	3.15	2.86	
35MP055	F	Metal Case	.37	2.1	30	4	3.78	3.15	2.86	
35MP062	G	Black Plastic	.30	1.67	30	4	2.16	1.80	1.63	
35MP070	H	Metal Case	.28	1.67	30	4	3.70	3.28	2.80	
35MP058	I	Red Plastic	.24	1.67	30	4	1.91	1.59	1.45	
35MP059	J	Black Plastic	.26 x .18	2.1	30	4	2.27	1.89	1.72	

STANDARD LED INDICATORS

T-1 (3mm) LED Indicator Assembly

MOUSER STOCK NO.	Fig.	Color	Lens	Mtg. Hole (In.)	Forward Voltage	Price Each			
						1	10	100	500
35CA001	K	Red	Diffused	.23	2.0V	.88	.66	.61	Call

STANDARD LED INDICATORS

T-1 3/4 (5mm) LED Indicator Assembly

MOUSER STOCK NO.	Fig.	Color	Lens	Mtg. Hole (In.)	Forward Voltage	Price Each			
						1	10	100	500
With Chrome Bezel									Call For Quote
35CA004	L	Red	Water Clr	.31	2.0V	1.19	.90	.81	
35CA005	L	Green	Water Clr	.31	2.0V	1.19	.90	.81	
35CA006	L	Yellow	Water Clr	.31	2.0V	1.19	.90	.81	
35CA007	L	Red	Red Diff	.31	2.0V	1.19	.90	.81	
35CA008	L	Green	Green Diff	.31	2.0V	1.19	.90	.81	
35CA009	L	Yellow	Yellow Diff	.31	2.0V	1.19	.91	.81	
With Gold Bezel									
351-1500GRC	L	Red	Water Clr	.31	2.0V	1.29	1.08	.98	
351-1501GGC	L	Green	Water Clr	.31	2.0V	1.39	1.17	1.06	
351-1502GYC	L	Yellow	Water Clr	.31	2.0V	1.44	1.19	1.09	
351-1510GRD	L	Red	Red Diff	.31	2.0V	1.19	.91	.83	
351-1511GGD	L	Green	Green Diff	.31	2.0V	1.28	.98	.89	
351-1512GYD	L	Yellow	Yellow Diff	.31	2.0V	1.31	.99	.82	

T-1 3/4 (5mm) LED Indicator Assembly

35CA002	M	Red	Diffused	.30	6.0V	1.36	1.04	.95	Call
35CA003	M	Red	Diffused	.30	12.0V	1.36	1.04	.95	

CHASSIS MOUNT T-1 3/4 LED BEZEL

MOUSER STOCK NO.	Fig.	Bezel Color	Mtg. Hole (In.)	Description	Price Each			
					1	10	100	500
351-1000	N	Black	5/16	For mounting	.67	.51	.47	Call
351-1001	N	Chrome	5/16	T-1 3/4 size LEDs	.93	.71	.64	

Gold Bezel (Base and Spring Not Included)

MOUSER STOCK NO.	Fig.	Bezel Color	Mtg. Hole (In.)	Price Each				
				1	100	500	1000	2000
351-1100	N	Gold	.31	.65	.46	.41	.38	Call

Mounting Base and Spring (Needed to Complete Bezel Unit)

MOUSER STOCK NO.	Fig.	Description	Price Each				
			1	100	500	1000	2000
351-1200	O	Bezel base	.16	.08	.074	.069	Call
351-1201	P	Bezel spring	.12	.052	.038	.03	

LED PANEL MOUNTING CLIPS

MOUSER STOCK NO.	Fig.	Color	Size	Description	Price Each			
					1	100	500	1000
352-0001	Q	Black	T-1	Two piece	.15	.10	.09	Call For Quote
351-0002	R	Black	T-1 3/4	Two piece	.15	.10	.09	
351-0003	S	Black	T-1 3/4	One piece	.13	.07	.06	

SOLID STATE LAMPS

T1-3/4 Midget Flange

Type	MOUSER STOCK NO.	Fig.	Volts	Luminous Intensity @ 10mA (mcd)	Price Each			
					1	10	50	100
381	579-381-HR5P4	A	6.3	16.0	2.84	2.68	2.53	Call For Quote
344	579-344-HR6P2	A	10.0	25.0	2.84	2.68	2.53	
367	579-367-HR6P2	A	10.0	25.0	2.84	2.68	2.53	
330	579-330-HR6P2	A	14.0	25.0	2.84	2.68	2.53	
382	579-382-HR6P2	A	14.0	25.0	2.84	2.68	2.53	
387	579-387-HR7P1	A	28.0	25.0	2.84	2.68	2.53	

T1-3/4 Bi-Pin Base

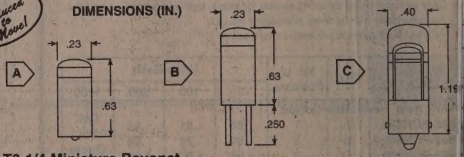
7328	579-7328-HR5P4	B	6.0	16.0	3.97	3.67	3.53	Call For Quote
7382	579-7382-HR6P2	B	14.0	25.0	3.97	3.67	3.53	
7327	579-7327-HR7P1	B	28.0	25.0	3.97	3.67	3.53	
7387	579-7387-HR7P1	B	28.0	25.0	3.97	3.67	3.53	

Features:
- Directly interchangeable with incandescent lamps
- Average lifetime of 100,000 hours
- Low power consumption
- No significant heat dissipation
- Hi-efficiency red 635nm

Applications:
- Indoor/outdoor signs
- Switchboard lights
- Appliances
- Power control center indicators
- Vending machines

Reduced to Move!

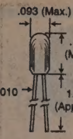
DIMENSIONS (IN.)



T3-1/4 Miniature Bayonet

Type	MOUSER STOCK NO.	Fig.	Volts	Luminous Intensity @ 10mA (mcd)	Price Each			
					1	10	50	100
44	579-44-HR5P4	C	6.3	16.0	3.48	3.29	3.10	Call For Quote
47	579-47-HR5P4	C	6.3	16.0	3.48	3.29	3.10	
1891	579-1891-HR6P2	C	14.0	25.0	3.48	3.29	3.10	
757	579-757-HR7P1	C	28.0	25.0	3.48	3.29	3.10	

Incandescent Lamps and Lamp Holders



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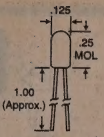

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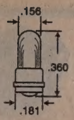

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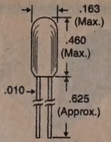

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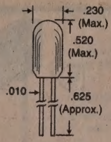

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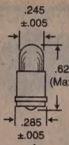

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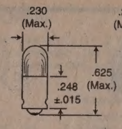

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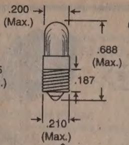

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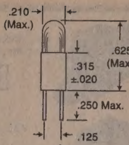

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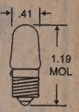


J

NCANDESCENT LAMPS

-3/4 Wire Terminal Lamps

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	100	1000
6833	353-6833	A	5.0	.060	.050	100K	.79	.71	.49
7153	353-7153	A	5.0	.115	.150	40K	.89	.71	.49

-1 Wire Terminal Lamps

683	353-0683	B	5.0	.060	.050	100K	.75	.53	.33
715	353-0715	B	5.0	.115	.150	40K	.75	.53	.33
7220	353-7220	B	18.0	.026	.150	16K	.89	.71	.49
6838	353-6838	B	28.0	.024	.150	16K	1.29	.98	.79

-1 Midget Flanged Lamps

685	353-0685	C	5.0	.060	.050	100K	.82	.75	.61
718	353-0718	C	5.0	.115	.150	40K	.82	.75	.61
6839	353-6839	C	28.0	.024	.130	16K	1.73	1.31	1.09

-1 1/4 Wire Terminal Lamps

634	353-0634	D	6.0	.200	.630	1K	.49	.32	.28
8640	353-8640	D	14.0	.080	.500	1K	.49	.32	.28
8627	353-8627	D	28.0	.040	.320	1K	.61	.45	.31

-1 3/4 Wire Terminal Lamps

2200	353-2200	E	5.0	.060	.050	100K	.61	.45	.31
2180	353-2180	E	6.3	.040	.020	50K	.61	.45	.31
2112	353-2112	E	6.3	.200	.550	3K	.61	.45	.31
2174	353-2174	E	12.0	.040	.120	10K	.61	.45	.31
2182	353-2182	E	14.0	.080	.300	50K	.61	.45	.31
1705	353-1705	E	14.0	.080	.500	750	.61	.45	.31
2187	353-2187	E	28.0	.040	.300	25K	.61	.45	.31
1764	353-1764	E	28.0	.040	.340	7K	.61	.45	.31

1 3/4 Midget Flanged Lamps

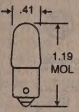
7333	353-7333	F	5.0	.060	.050	100K	.79	.65	.45
3150	353-3150	F	5.0	.060	.150	5K	.89	.74	.49
45	353-0345	F	6.0	.040	.030	100K	.86	.76	.59
28	353-0328	F	6.0	.200	.600	1K	.53	.49	.44
81	353-0381	F	6.3	.200	.400	50K	.53	.49	.40
49	353-0349	F	6.3	.200	.550	3K	.86	.76	.59
44	353-0344	F	10.0	.014	.002	10K	.76	.68	.53
67	353-0367	F	10.0	.040	.080	5K	.86	.76	.59
82	353-0382	F	14.0	.080	.300	50K	.65	.58	.47
30	353-0330	F	14.0	.080	.500	750	.53	.49	.44
85	353-0385	F	28.0	.040	.200	50K	.65	.57	.44
87	353-0387	F	28.0	.040	.300	25K	.65	.58	.47
27	35ND023	F	28.0	.040	.340	7K	.86	.75	.68

1 3/4 Midget Groove Lamps

79	353-0379	G	6.3	.200	.400	50K	.99	.89	.62
88	353-0388	G	28.0	.040	.300	25K	.65	.58	.47
34	353-0334	G	28.0	.040	.340	7K	.63	.58	.47

DIMENSIONS (IN.)

K



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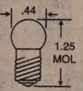

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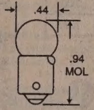

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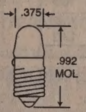


T-1 3/4 Midget Screw Lamps

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	100	1000
1775	353-1775	H	6.3	.075	.220	500	.57	.52	.42
- - -	35ND350	H	12.0	.050	.150	3K	.52	.33	.30
373	353-0373	H	14.0	.080	.500	750	.86	.76	.59
- - -	35ND435	H	24.0	.050	.500	3K	.52	.33	.30
399	353-0399	H	28.0	.040	.300	25K	.95	.81	.56
335	353-0335	H	28.0	.040	.340	7K	.57	.52	.42

T-1 3/4 Bi-Pin Base Lamps

7361	353-7361	I	5.0	.060	.050	100K	.84	.70	.49
7328	353-7328	I	6.0	.200	.600	1K	.84	.70	.48
7381	353-7381	I	6.3	.200	.400	50K	.84	.70	.49
7382	353-7382	I	14.0	.080	.300	50K	.84	.70	.48
7387	353-7387	I	28.0	.040	.300	25K	.84	.70	.48
7327	353-7327	I	28.0	.040	.340	7K	.84	.70	.48

T-3 1/4 Miniature Screw Lamps

48	35ND007	J	2.0	.060	.040	1K	.68	.51	.38
40	35ND008	J	6.3	.150	.520	3K	.46	.28	.23
46	35ND011	J	6.3	.250	.900	3K	.46	.28	.23
- - -	35ND041	J	12.0	.050	.150	3K	.41	.31	.28
- - -	35ND042	J	12.0	.100	.500	5K	.41	.31	.28

T-3 1/4 Miniature Bayonet Lamps

49	35ND014	K	2.0	.060	.040	1K	.51	.37	.29
47	35ND012	K	6.3	.150	.520	3K	.46	.28	.23
44	35ND001	K	6.3	.250	.900	3K	.46	.28	.23
1891	35ND006	K	14.0	.240	2.000	500	.41	.29	.24
1819	35ND002	K	28.0	.040	.340	1K	.51	.32	.26
1829	35ND005	K	28.0	.070	1.000	1K	.53	.37	.30
757	35ND004	K	28.0	.080	.620	7.5K	.65	.54	.39

G-3 1/2 Miniature Screw Lamps

14	35ND013	L	2.5	.300	.500	1K	.46	.28	.23
50	35ND020	L	7.5	.220	1.000	1K	.46	.32	.26

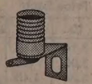
G-3 1/2 Miniature Bayonet Lamp

53	35ND017	M	14.4	.120	1.000	1K	.40	.28	.24

GTL-3 Miniature Screw Lamp

222	35ND003	N	2.25	.250	- - -	5	.40	.28	.24

AMP SOCKETS



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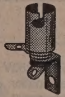

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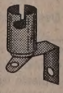

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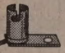

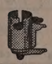

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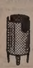

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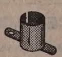

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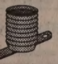

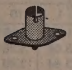

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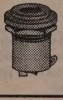

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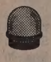


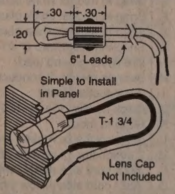
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Price Each		
			1	10	100
35LH002	A	T-3 1/4 screw-mini, non-insulated	.69	.46	.42
35LH003	B	T-3 1/4 bayonet-mini, insulated	1.48	1.23	1.12
35LH004	C	T-3 1/4 bayonet-mini, non-insulated	1.48	1.23	1.12
35LH005	D	T-3 1/4 bayonet-mini, insulated	1.48	1.23	1.12
35LH006	E	T-3 1/4 bayonet-mini, insulated	1.97	1.64	1.49
35LH007	F	T-3 1/4 bayonet-mini, insulated	1.52	1.26	1.15
35LH008	G	T-3 1/4 bayonet-mini, insulated	1.30	1.08	.98
35LH010	H	T-3 1/4 screw-mini, insulated	.45	.35	.27
35LH011	I	T-3 1/4 bayonet-mini, insulated	1.48	1.23	1.12
352-0100	J	T-1 3/4 midget screw, insulated	1.36	1.13	1.03
352-0101	K	Red plastic lens for figure "J"	.47	.31	.28
352-0102	K	Green plastic lens for figure "J"	.47	.31	.28
352-0103	K	Clear plastic lens for figure "J"	.47	.31	.28
352-0104	K	Orange plastic lens for figure "J"	.47	.31	.28

OW-COST INDICATOR SYSTEMS

e color indicates volt / amp rating.
es with lens cap at the right.

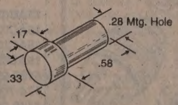
DIMENSIONS (IN.)



MOUSER TOCK NO.	Wire Color	Volts	Amps	Price Each			
				1	10	100	500
5LS026	Green	2	.060	.49	.37	.32	Call For Quote
5LS065	White	6	.050	.49	.37	.32	
5LS102	Red	10	.020	.49	.37	.32	
5LS124	Blue	12	.035	.49	.37	.32	
5LS126	Yellow	12	.060	.49	.37	.32	
5LS284	Orange	28	.040	.49	.37	.32	

Plastic Lens Caps for Installation Over Miniature Lamps

These plastic lens caps are combined with the miniature lamps, at the left, to make indicator lights. Tapered for quick, easy press-fit installation. Use NE-2 lamps or T-1 3/4 lamps.

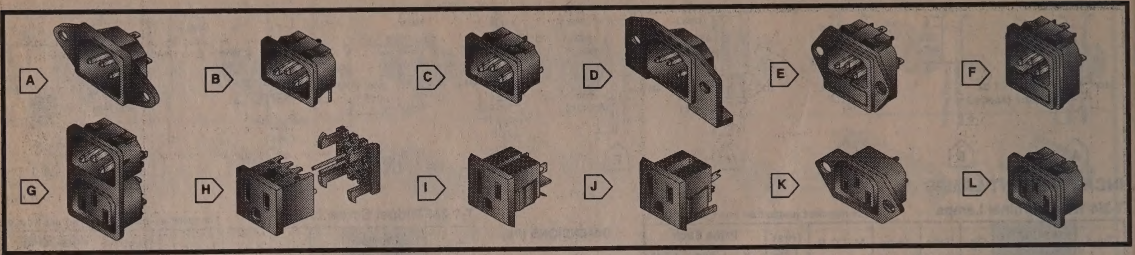


DIMENSIONS (IN.)

Hi-Rel Round Lens Cap

MOUSER STOCK NO.	Cap Color	Price Each			
		1	10	100	500
35LT001	Red	.17	.09	.078	Call For Quote
35LT002	Green	.17	.09	.078	
35LT003	White	.17	.09	.078	

Power Line Connectors, AC Plugs, and Receptacles



Panel Mount AC Power Inlets

Specifications:

- Current rating: UL, CSA 15A / 250, VDE 10A / 250
- Temperature rating: 65°C
- Approvals: UL, CSA, VDE, SEV, SEMKO, NEMKO, DEMKO, SETI

† *

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each 1	10	100
* 161-0707-1	A	Screw mount	Solder tab	.97	.88	.81
* 161-0707-1-187	A	Screw mount	Solder tab / .187" faston	.97	.88	.81
* 161-0707-1-250	A	Screw mount	.250" faston	.97	.88	.81
† 161-0711-2	B	PCB mount	PC	1.67	1.52	1.39
† 161-0711	C	Snap-in mount	Solder tab	1.18	1.07	.98
† 161-0711-187	C	Snap-in mount	Solder tab / .187" faston	1.18	1.07	.98
† 161-0711-250	C	Snap-in mount	.250" faston	1.18	1.07	.98

PC Board AC Power Inlet

Specifications:

- Current rating: UL, CSA 15A / 250, VDE 10A / 250
- Temperature rating: 65°C
- Approvals: UL, CSA, VDE, SEV, SEMKO, NEMKO, DEMKO, SETI

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each 1	10	100
161-0714-7	D	Snap-in mount	PC	1.53	1.39	1.27

IEC 320 AC Power Inlets with Miniature Fuse Holder

Specifications:

- Current rating: UL, CSA, VDE 10A / 250
- Temperature rating: 65°C
- Approvals: UL, CSA, VDE, SEV, SEMKO, NEMKO, DEMKO, SETI

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each 1	10	100
161-0717-187	E	Screw mount	Solder tab / .187" faston	2.32	2.11	1.92
161-0717-1-187	F	Snap-in mount	Solder tab / .187" faston	2.32	2.11	1.92

IEC 320 / CEE 22 Combination AC Power Inlet / Outlet

Specifications:

- Current rating: UL, CSA, VDE 10A / 250
- Temperature rating: 65°C
- Approvals: UL, CSA, VDE, SEV, SEMKO

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each 1	10	100
161-0712	G	Snap-in mount	Solder tab / .187" faston	3.29	2.99	2.72

NEMA 5-15R AC Power Outlets

Specifications:

- Current rating: UL, CSA 15A / 125
- Approvals: UL, CSA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each 1	10	100
161-0710-12	H	Snap-in mount	V-slotted / .205" faston	1.36	1.23	1.13
161-0709	I	Snap-in mount	Solder tab / .187" faston	.81	.74	.67
161-0709-1	J	Snap-in mount	V-slotted	.86	.78	.71

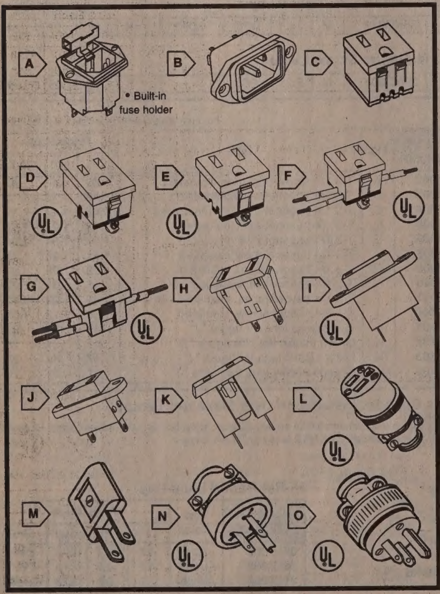
IEC 320 AC Power Outlets

Specifications:

- Current rating: UL, CSA, VDE 10A / 250
- Temperature rating: 65°C
- Approvals: UL, CSA, VDE, SEV, SEMKO

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each 1	10	100
161-0708-1	K	Screw mount	Solder tab	1.36	1.24	1.13
161-0718-1	L	Snap-in mount	Solder tab	1.30	1.18	1.08



DETACHABLE AC CORD RECEPTACLES

Features:

- Mates to standard CEE-22 cord set
- Receptacles: IEC rated and approved for use in Europe
- Mates with our detachable power cord sets 173-63101, 173-63102, 173-63121, 557-63122, 515-04515, 515-04850 and others
- Mates to Belden 17250, 17251 power cords
- 16PJ522 fused receptacle accepts up to 6 amp midget fuse (5 x 20mm)

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
16PJ522	A	Fused chassis mount with solder lug termination	3.77	3.14	2.86	Call For Quote
161-3516	B	Standard chassis mount with solder lug termination, 15A @ 250V	1.41	1.08	.98	
16PJ152	B	Standard chassis mount receptacle with .187" faston termination	1.59	1.24	1.13	
16PJ153	B	Standard chassis mount receptacle with .250" faston termination	1.59	1.24	1.13	

STANDARD AC PLUGS AND RECEPTACLES

*UL Listed

Note: All 2 conductor receptacles are non-polarized unless otherwise noted.

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Description	Fits Panel Thickness	Price Each 1	10	100
151-0003	C	Snap-in mount, 3 conductor polarized with ground, black	.020 - .079	1.29	.99	.89
* 5160-67BK	D	Snap-in black plastic, 3 conductor, grounded, polarized	.031 - .070	3.64	3.28	2.99
* 5160-67W	D	Snap-in white plastic, 3 conductor, grounded, polarized	.031 - .070	3.64	3.46	2.99
* 5160-49BK	E	Snap-in midget black plastic, polarized	.031 - .070	4.57	4.11	3.75
* 5160-49W	E	Snap-in midget white plastic, polarized	.031 - .070	4.57	4.11	3.75
* 5160-49-2BK	F	Snap-in midget black plastic, with heavy wire leads, polarized	.031 - .070	4.39	3.95	3.60
* 5160-49-2W	F	Snap-in midget white plastic, with heavy wire leads, polarized	.031 - .070	4.39	3.95	3.60
* 5160-67-2W	G	Snap-in mount, two 6" #14 AWG conductors with one 6" #16 AWG ground lead	.031 - .070	4.26	3.83	3.49
15AC037	H	Snap-in mount, 2 conductor, polarized, 15amp-125VAC	.031 - .047	.83	.64	.58
* 15AC021	I	2 conductor plastic	N/A	.69	.58	.53
15AC035	J	Black plastic, 15amp-125VAC	N/A	.67	.52	.47
15AC022	K	Snap-in mount	.039 - .063	.93	.83	.75
* 5160-222	L	.600" cord size rubber, 3 conductor grounded polarized, black	N/A	7.10	6.39	5.82
174-760B	M	2 conductor, hi-rel 10A-250V non-polarized, black	N/A	.62	.48	.43
* 5160-203	N	.600" cord size rubber with cord clamp, black	N/A	3.77	3.39	3.09
* 5160-2867	O	.685" cord size yellow vinyl with armored cap and cord clamp	N/A	3.58	3.22	2.94

AC Power Cords

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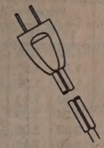

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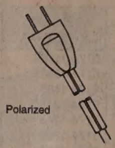

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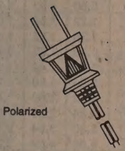

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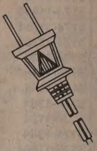

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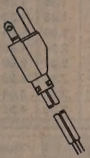

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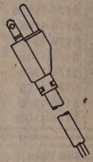

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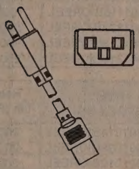

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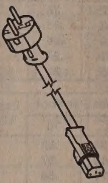

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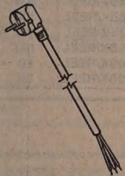

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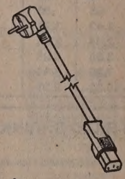

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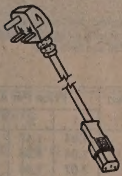

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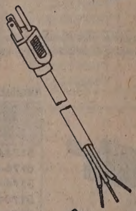

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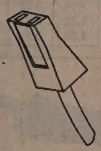

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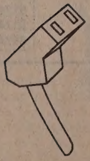

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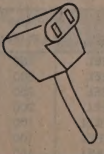

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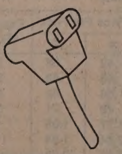


POWER SUPPLY CORDS

Both two and three conductors types are offered in 6', 7 1/2', and 8' lengths with molded, low profile, crush resistant, NEMA 1-15P or 5-15P plugs. 18 AWG types are rated 125V, 1250 watts. 16 AWG type is rated 125V, 1625 watts. 14 AWG type is rated 125V, 1875 watts. All are UL listed and CSA certified.

Specifications:
- Temperature: 60°C
- Rated:

AWG	18	16	14
Volts	125	125	125
Amps	10	13	15
Watts	1250	1625	1875

Features:
- Economical and efficient
- Mechanical performance meets OEM requirements
- Excellent resistance to abrasion and blade wear requirements

UL listed CSA certified

Two Conductor Types

NEMA 1-15P Plug

MOUSER STOCK NO.	Fig.	Replaces Belden#	Size	Type	Rating @ 125V (A)	Length	Color	Price Each			
								1	10	100	500
173-11122	A	----	18/2	SPT-1	10	7'	Brown	.89	.84	.79	Call For Quote
173-11111	B	----	18/2	SPT-1	10	6'	Black	.88	.83	.78	
173-11112	C	----	18/2	SPT-1	10	6'	Black	.88	.83	.78	
173-11102	D	----	18/2	SPT-1	10	6'	Black	.88	.83	.78	
173-11123	D	----	18/2	SPT-1	10	6'	Brown	.89	.84	.79	
173-31102	D	----	18/2	SPT-2	10	6'	Black	1.17	1.11	1.05	

Three Conductor Types

NEMA 5-15P Plug

MOUSER STOCK NO.	Fig.	Replaces Belden#	Size	Type	Rating @ 125V (A)	Length	Color	1	10	100	500
173-33121	E	----	18/3	SPT-2	10	6'	Gray	2.15	1.78	1.62	Call For Quote
173-33101	E	----	18/3	SPT-2	10	6'	Black	2.15	1.78	1.62	
173-53101	F	17237	18/3	SVT	10	6'	Black	2.80	2.33	2.12	
173-53102	F	17239	18/3	SVT	10	8'	Black	3.37	2.80	2.54	
173-53121	F	176237	18/3	SVT	10	6'	Gray	2.80	2.33	2.12	
173-73101	F	17405	18/3	SJT	10	6'	Black	2.88	2.39	2.17	
173-73102	F	17407	18/3	SJT	10	8'	Black	3.59	2.98	2.73	
173-75102	F	----	16/3	SJT	13	8'	Black	3.39	2.82	2.56	
173-78101	F	----	14/3	SJT	15	6'	Black	4.33	3.59	3.27	

Three Conductor Detachable AC Cord Set

NEMA 5-15P Plug

MOUSER STOCK NO.	Fig.	Replaces Belden#	Size	Type	Rating @ 125V (A)	Length	Color	1	10	100	500
173-63101	G	17250	18/3	SVT	10	7'6"	Black	3.98	3.34	2.99	Call For Quote
173-63102	G	----	18/3	SVT	10	8'	Black	4.16	3.45	3.14	
173-63121	G	17250	18/3	SVT	10	7'6"	Gray	3.98	3.34	2.99	

Three Conductor Shielded Power Cords

Control the error-generating effects of ambient electrical interference.

Features:
- Low profile molded plug
- Color code: CEE
- 100% foil shield
- Drain wire terminated to ground pin of plug
- High stranding for extended flexibility

NEMA 5-15P Plug

MOUSER STOCK NO.	Fig.	Replaces Belden#	AWG Strand	UL Type	Voltage Rating	Length	Color	Price Each			
								1	10	100	500
173-53100	L	17740	18 41/34	SVT	300V	6'7"	Black	3.70	3.08	2.80	Call
515-04937	L	17612	18 41/34	SJT	300V	6'7"	Black	7.05	5.89	5.30	

INTERNATIONAL POWER CORDS

Continental Europe

Conductors: 3 x 1.00(mm²)

MOUSER STOCK NO.	Fig.	Replaces Belden#	Cord Type	Rating @ 125V (A)	Length (Meters)	Color	Price Each			
							1	10	100	500
562-364001	H	17581	HO5VV-F	10	2.5	Black	5.00	4.50	4.10	Call For Quote
562-366003	I	17811	HO5VV-F	10	2.5	Black	4.24	3.82	3.48	
562-367001	J	----	HO5VV-F	10	2.5	Black	6.21	5.60	5.10	

United Kingdom

Conductors: 3 x 1.00(mm²)

MOUSER STOCK NO.	Fig.	Replaces Belden#	Cord Type	Rating @ 125V (A)	Length (Meters)	Color	Price Each			
							1	10	100	500
562-370001	K	17965	HO5VV-F	10	2.5	Black	8.53	7.68	6.94	Call

FAN POWER CORD

Designed for use with the Agusta 4.69" AC Tubeaxial fans. Can be used with all AC fans using .110" x .020" faston terminals with .3125" spacing. Temperature rating: 105°C (max).

E56356 LL38816

MOUSER STOCK NO.	Fig.	AWG	Cord Type	Termination	Length	Price Each			
						1	10	25	50
432-6101	P	18	SPT-1	T-type	2'	1.78	1.57	1.43	Call

FAN-S-DIV. FAN POWER CORDS

Qualtek Electronics Corporation

High quality fan power cords designed to be used with Tubeaxial fans. Strain relief is incorporated for added safety.

Specifications:
- Temperature range: 105°C
- UL rated 10A / 125VAC
- CSA rated 7A / 125VAC

E118750 LR5884-5M

MOUSER STOCK NO.	Fig.	Style	Cord Type	Voltage Rating	Length	Color	Price Each			
							1	10	25	50
562-07100-24	M	Straight	SPT-1	300V	2'	Black	1.36	1.26	1.18	Call For Quote
562-07145-24	N	45°	SPT-1	300V	2'	Black	1.36	1.26	1.18	
562-07190-24	O	90°	SPT-1	300V	2'	Black	1.36	1.26	1.18	
562-07199-24	P	T-Plug	SPT-1	300V	2'	Black	1.36	1.26	1.18	

3M Heat Shrinkable Tubing

FP-301 FLEXIBLE POLYOLEFIN SHRINKABLE TUBING

	MOUSER STOCK NO.	Expanded I.D. (In.)	Color	Price Per 4' Length			
				1	5	10	25
BLACK	5174-11161	1/16	Black	1.32	1.16	1.00	.80
	5174-13321	3/32	Black	1.36	1.26	1.02	.82
	5174-1181	1/8	Black	1.48	1.32	1.04	.84
	5174-13161	3/16	Black	1.80	1.44	1.12	.92
	5174-1141	1/4	Black	2.24	1.80	1.28	1.16
	5174-1381	3/8	Black	2.52	2.00	1.44	1.28
	5174-1121	1/2	Black	2.84	2.28	1.64	1.44
	5174-1341	3/4	Black	3.80	3.04	2.16	1.92
	5174-11001	1	Black	5.68	4.52	3.24	2.36
BLUE	5174-11162	1/16	Blue	1.32	1.16	1.00	.80
	5174-13322	3/32	Blue	1.36	1.26	1.02	.82
	5174-1182	1/8	Blue	1.48	1.32	1.04	.84
	5174-13162	3/16	Blue	1.80	1.44	1.12	.92
	5174-1142	1/4	Blue	2.24	1.80	1.28	1.16
	5174-1382	3/8	Blue	2.52	2.00	1.44	1.28
	5174-1122	1/2	Blue	2.84	2.28	1.64	1.44
	5174-1342	3/4	Blue	3.80	3.04	2.16	1.92
	5174-11002	1	Blue	5.68	4.52	3.24	2.36
CLEAR	5174-11163	1/16	Clear	1.32	1.16	1.00	.80
	5174-13323	3/32	Clear	1.36	1.26	1.02	.82
	5174-1183	1/8	Clear	1.48	1.32	1.04	.84
	5174-13163	3/16	Clear	1.80	1.44	1.12	.92
	5174-1143	1/4	Clear	2.24	1.80	1.28	1.16
	5174-1383	3/8	Clear	2.52	2.00	1.44	1.28
	5174-1123	1/2	Clear	2.84	2.28	1.64	1.44
	5174-1343	3/4	Clear	3.80	3.04	2.16	1.92
	5174-11003	1	Clear	5.68	4.52	3.24	2.36

Precut 4' Lengths

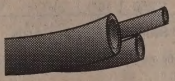
Now Available in Six Colors

Used as a shrink-fit (2:1 ratio) electrical insulation over cable splices and terminations, as well as for light weight wire harness covering, wire marking, wire bundling, component packaging, and fire resistant covering. Meets MIL-I-23053/5 Class 1 and 2 and AMS 3636, AMS 3637 requirements. UL Recognized and CSA Certified at 600 volts [@] 125°C. Rated for 135°C continuous operation. Recovered wall thickness is proportional to degree of recovery.

	MOUSER STOCK NO.	Expanded I.D. (In.)	Color	Price Per 4' Length			
				1	5	10	25
WHITE	5174-11165	1/16	White	1.32	1.16	1.00	.80
	5174-13325	3/32	White	1.36	1.26	1.02	.82
	5174-1185	1/8	White	1.48	1.32	1.04	.84
	5174-13165	3/16	White	1.80	1.44	1.12	.92
	5174-1145	1/4	White	2.24	1.80	1.28	1.16
	5174-1385	3/8	White	2.52	2.00	1.44	1.28
	5174-1125	1/2	White	2.84	2.28	1.64	1.44
	5174-1345	3/4	White	3.80	3.04	2.16	1.92
	5174-11005	1	White	5.68	4.52	3.24	2.36
RED	5174-11164	1/16	Red	1.32	1.16	1.00	.80
	5174-13324	3/32	Red	1.36	1.26	1.02	.82
	5174-1184	1/8	Red	1.48	1.32	1.04	.84
	5174-13164	3/16	Red	1.80	1.44	1.12	.92
	5174-1144	1/4	Red	2.24	1.80	1.28	1.16
	5174-1384	3/8	Red	2.52	2.00	1.44	1.28
	5174-1124	1/2	Red	2.84	2.28	1.64	1.44
	5174-1344	3/4	Red	3.80	3.04	2.16	1.92
	5174-11004	1	Red	5.68	4.52	3.24	2.36
YELLOW	5174-11166	1/16	Yellow	1.32	1.16	1.00	.80
	5174-13326	3/32	Yellow	1.36	1.26	1.02	.82
	5174-1186	1/8	Yellow	1.48	1.32	1.04	.84
	5174-13166	3/16	Yellow	1.80	1.44	1.12	.92
	5174-1146	1/4	Yellow	2.24	1.80	1.28	1.16
	5174-1386	3/8	Yellow	2.52	2.00	1.44	1.28
	5174-1126	1/2	Yellow	2.84	2.28	1.64	1.44
	5174-1346	3/4	Yellow	3.80	3.04	2.16	1.92
	5174-11006	1	Yellow	5.68	4.52	3.24	2.36

FP-301 FLEXIBLE POLYOLEFIN SHRINKABLE TUBING

3M FP-301 flexible polyolefin tubing is a general purpose tubing designed for insulation and identification applications. It meets the requirements of UL and CSA.



Features:

- Less than 5% longitudinal shrinkage
- Excellent flexibility characteristics
- High resistance to solvents, acids, and alkalis
- Irradiation cross-linked polyolefin

Specifications:

- Temperature range: -55°C to +135°C
- Shrink temperature: 121°C (min.)
- Shrink ratio: 2:1
- Longitudinal shrinkage: 5%

Black Available from Stock

- White, red, blue, yellow and clear are available in reel length quantities, upon request.
- Colors, in less than reel quantities, are available in precut 4' lengths. See above.

MEETS MIL SPECS

MIL-I-23053/5

MOUSER STOCK NO.	Price Per Foot		Expanded I.D. (In.)	MOUSER STOCK NO.	Reel Lth (Ft.)	Price Per Reel
	1	50				
517-301364BK	.32	.26	3/64	517-301364BK/REEL	1000	132.40
517-301116BK	.33	.26	1/16	517-301116BK/REEL	1000	134.80
517-301332BK	.34	.26	3/32	517-301332BK/REEL	500	71.35
517-301018BK	.37	.27	1/8	517-301018BK/REEL	500	76.95
517-301316BK	.45	.27	3/16	517-301316BK/REEL	250	46.80

MOUSER STOCK NO.	Price Per Foot		Expanded I.D. (In.)	REEL STOCK NO.	Reel Lth (Ft.)	Price Per Reel
	1	10				
517-301014BK	.56	.50	1/4	517-301014BK/REEL	200	46.76
517-301038BK	.63	.57	3/8	517-301038BK/REEL	200	52.22
517-301012BK	.71	.64	1/2	517-301012BK/REEL	200	58.90
517-301034BK	.95	.86	3/4	517-301034BK/REEL	200	78.56
517-301100BK	1.42	1.28	1	517-301100BK/REEL	100	58.70
517-301112BK	2.64	2.38	1 1/2	517-301112BK/REEL	100	109.42
517-301200BK	3.65	3.29	2	517-301200BK/REEL	100	151.18
517-301300BK	7.36	6.64	3	517-301300BK/REEL	50	152.50
517-301400BK	10.32	9.31	4	517-301400BK/REEL	50	213.83

VFP-876 VERY FLEXIBLE SHRINKABLE TUBING

Ideal for shrink-fit jacketing and insulation of flexible wire bundles and sensitive components.

Features:

- Most flexible
- Rating: 135°C
- Meet requirements: MIL-R-46846, Type V and AMS 3587 and AMS 3588

Available in Black Only

MOUSER STOCK NO.	Expanded I.D. (In.)	Price Per 4' Length			
		1	5	10	25
5174-33641	3/64	1.48	1.32	1.19	1.07
5174-31161	1/16	1.51	1.35	1.21	1.09
5174-33321	3/32	1.60	1.43	1.15	.92
5174-3181	1/8	1.72	1.54	1.24	.99
5174-33161	3/16	2.09	1.67	1.20	1.06
5174-3141	1/4	2.62	2.09	1.50	1.33
5174-3381	3/8	2.92	2.34	1.68	1.48
5174-3121	1/2	3.30	2.64	1.89	1.68
5174-3341	3/4	4.41	3.53	2.53	2.23
5174-31001	1	6.58	5.26	3.77	2.72

Precut 4' Lengths

SR-350 SEMI-RIGID SHRINKABLE TUBING

Offers superior cut-through and abrasion resistance characteristics necessary for optimum mechanical performance.

Features:

- Strain relief applications: wire marking, protective covering and packaging of delicate components
- Use with automatic feed equipment
- Meets requirements for MIL-I-23053/6 and AMS 3638 and AMS 3639

Precut 4' Lengths

Available in Black Only

MOUSER STOCK NO.	Expanded I.D. (In.)	Price Per 4' Length			
		1	5	10	25
5174-41161	1/16	1.84	1.47	1.20	1.16
5174-43321	3/32	1.94	1.55	1.36	1.31
5174-4181	1/8	2.07	1.66	1.42	1.37
5174-43161	3/16	2.54	2.05	1.62	1.57
5174-4141	1/4	3.16	2.52	1.92	1.85
5174-4381	3/8	3.52	2.81	2.08	1.97
5174-4121	1/2	4.00	3.21	2.25	1.66

CP-221 COMMERCIAL SHRINKABLE TUBING

Offers higher continuous operating temperatures, reduced longitudinal shrinkage, extended shelf-life, and superior conformity characteristics.

- 2:1 shrink rate

Available in Black Only

MOUSER STOCK NO.	Price Per Foot		Expanded I.D. (In.)	REEL STOCK NO.	Reel Lth (Ft.)	Price Per Reel
	1	50				
5174-23641	.24	.20	3/64	5174-23641/REEL	1000	101.22
5174-21161	.25	.20	1/16	5174-21161/REEL	1000	103.55
5174-23321	.26	.19	3/32	5174-23321/REEL	500	54.73
5174-2181	.28	.20	1/8	5174-2181/REEL	500	58.37
5174-23161	.34	.26	3/16	5174-23161/REEL	250	34.85

Available in Black Only

MOUSER STOCK NO.	Price Per Foot		Expanded I.D. (In.)	REEL STOCK NO.	Reel Lth (Ft.)	Price Per Reel
	1	10				
5174-2141	.42	.38	1/4	5174-2141/REEL	200	35.15
5174-2381	.48	.43	3/8	5174-2381/REEL	200	39.99
5174-2121	.58	.52	1/2	5174-2121/REEL	200	47.79
5174-2341	.79	.71	3/4	5174-2341/REEL	200	64.49
5174-21001	1.17	1.05	1	5174-21001/REEL	100	48.50
5174-21121	2.04	1.84	1 1/2	5174-21121/REEL	100	84.47
5174-22001	2.81	2.53	2	5174-22001/REEL	100	116.41

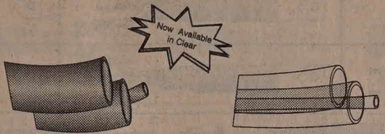
Heat Shrinkable Tubing, PVC Tubing, and Wire Accessories

INSUL-TAB SHRINKABLE TUBING

Available In Two Styles

Replace the blank in the part number with:
B for **Black**
C for **Clear**
(IE: 536-105-046B)

- Environment: resists most chemicals, oils and fungus
- Extra-flexible tubing



MIL-I-23053/2

Polyvinylchloride (PVC)

- Available in black or clear
- Operating temperature: 105°C
- UL VW-1
- 20% longitudinal shrinkage
- Shrinkage temperature: 93°C

MOUSER STOCK NO.	Size (In.)	Expanded I.D. Min (In.)	Recovered I.D. (In.)	Price Per Foot		REEL STOCK NO.	Reel Lth (Ft.)	Price Per Reel	
				1	50			1	2
536-105-046___	3/64	.046	.023	.12	.11	536-105-046___/REEL	1000	96.57	88.09
536-105-063___	1/16	.063	.032	.11	.09	536-105-063___/REEL	1000	81.00	74.25
536-105-093___	3/32	.093	.046	.11	.10	536-105-093___/REEL	1000	84.60	77.55
536-105-125___	1/8	.125	.063	.11	.10	536-105-125___/REEL	1000	86.40	79.20
536-105-187___	3/16	.187	.093	.13	.11	536-105-187___/REEL	1000	99.00	90.75
536-105-250___	1/4	.250	.125	.13	.12	536-105-250___/REEL	1000	106.20	97.35
536-105-313___	5/16	.313	.157	.16	.15	536-105-313___/REEL	500	63.90	58.99
536-105-375___	3/8	.375	.187	.19	.17	536-105-375___/REEL	500	74.70	68.48
536-105-500___	1/2	.500	.250	.23	.21	536-105-500___/REEL	250	45.00	41.25
536-105-625___	5/8	.625	.313	.27	.24	536-105-625___/REEL	250	52.20	47.85
536-105-750___	3/4	.750	.375	.33	.30	536-105-750___/REEL	250	64.35	58.99
536-105-100___	1	1.000	.500	.48	.42	536-105-100___/REEL	250	93.15	85.39

Multi-Purpose Polyolefin (Irradiation Cross-Linked)

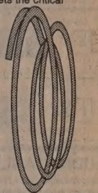
- Black color stocked (other colors available upon request)
- Operating temperature: 135°C
- UL VW-1, MIL-I-23053/2
- 5% max. longitudinal shrinkage
- Shrinkage temperature: 121°C
- Prolonged storage temperatures

MOUSER STOCK NO.	Size (In.)	Expanded I.D. Min (In.)	Recovered I.D. (In.)	Price Per Foot		REEL STOCK NO.	Reel Lth (Ft.)	Price Per Reel	
				1	50			1	2
-----------	1/16	.063	.031	---	---	536-101-063B/REEL	1000	134.80	130.20
536-101-093B	3/32	.093	.046	.34	.26	536-101-093B/REEL	1000	142.70	137.86
-----------	1/8	.125	.062	---	---	536-101-125B/REEL	1000	153.90	148.66
-----------	1/4	.250	.125	---	---	536-101-250B/REEL	500	116.90	112.95
536-101-375B	3/8	.375	.187	.63	.57	536-101-375B/REEL	200	52.22	50.46
-----------	1/2	.500	.250	---	---	536-101-500B/REEL	200	58.90	56.91

Available only in reel; for per foot see 3M FP-301 series

INSUL-TAB ALL PURPOSE PVC TUBING

Insultab's 4900 Series is an all purpose, slip on jacketing for wire and cable insulation. It features high dielectric strength, high heat stability while maintaining superior flexibility. It is fire, oil, and chemical resistant and meets the critical requirements of UL VW-1 and MIL-I-631D specifications.



Features:

- High dielectric strength
- High heat stability
- Superior flexibility
- Oil and chemical resistant
- Color: black

Specifications:

- UL CSA/MIL Spec
- QPL Approved
- ASTM D-922
- Temperature rating: -20°C to +105°C

E28044
41513
MIL-I-631D

MOUSER STOCK NO.	AWG No.	I.D. (In.)	Wall Thick. (In.)	Price Per Foot			
				10	50	100	250
536-4900B-8	8	.133	.020	.24	.12	.10	.09
536-4900B-6	6	.166	.020	.26	.13	.11	.10
536-4900B-2	2	.263	.020	.32	.16	.14	.13

REEL STOCK NO.	AWG No.	I.D. (In.)	Wall Thick. (In.)	Price Per Reel	
				1	2
536-4900B-8/REEL	8	.133	.020	74.50	67.80
536-4900B-6/REEL	6	.166	.020	82.81	75.36
536-4900B-2/REEL	2	.263	.020	115.93	105.50

PVC HEAT SHRINKABLE TUBING ASSORTMENTS

Fungus resistant. Non-corrosive. Meets MIL Spec, UL and ASTM D-922 Requirements.

MOUSER STOCK NO.	Description	Price Each
524-12-1080	6" lengths, 23 pieces black	3.50
524-12-1082	6" lengths, 19 pieces clear	3.50

TINNED COPPER FLAT BRAID

Woven tinned copper braid rolled to specific width. Each strand meets the requirements of fed. Spec. QQ-W-343E type S and ASTM-B-33. Current carrying capacity shown is for bare cable in free air at 30°C and intended as a reference guide only. Actual values will depend on permissible temperature rise, voltage drop and other conditions of use.

Features:

- High current carrying ability
- High flexibility
- Meets QQ-W-343E
- Suitable for bonding and grounding applications

By the Foot / **By the 100' Reel**

MOUSER STOCK NO.	Nom Flat Width (In.)	AWG Equiv.	Nom. Thick (In.)	No. of Strands	Current Amps	Price Per Foot			REEL STOCK NO.	Price Per Reel			
						1	5	10		1	5	10	25
172-51125FT	1/8	18	.020	72	16	.60	.55	.50	172-51125	34.95	31.80	28.94	Call For Quote
172-51187FT	3/16	15	.020	120	25	.67	.61	.55	172-51187	38.05	34.64	31.52	
172-51250FT	1/4	14	.030	168	32	.94	.86	.78	172-51250	51.75	47.09	42.85	
172-51375FT	3/8	12	.030	288	46	1.54	1.40	1.27	172-51375	83.35	75.85	69.00	
172-51500FT	1/2	10	.030	384	53	1.99	1.81	1.65	172-51500	104.95	95.50	86.91	
172-51625FT	5/8	10	.030	384	53	2.10	1.91	1.74	172-51625	111.05	101.06	91.96	
172-51750FT	3/4	7	.040	832	85	4.83	4.39	3.99	172-51750	250.00	227.50	207.03	
172-51100FT	1	7	.045	832	85	5.19	4.72	4.29	172-51100	267.75	243.65	221.73	

MAGNET WIRE

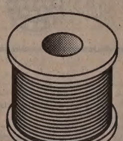
Heavy NYSOL 130°C

Specifications:

Insulation: polyurethane with polyimide overcoat
Thermal rating: 130°
NEMA specification: MW 28-C
Federal specification:
J-W-1177A; types UN, UN2

Features:

Easily wound
High protection nylon overcoat
Low friction coefficient
Extremely solvent and varnish resistant



MOUSER STOCK NO.	AWG	Approx. Spool Weight	Approx. Feet Per Spool	Price Per Spool	
				1	5
501-MW18H-1LB	18	1 lb.	200	6.20	5.64
501-MW18H	18	8 lb.	1,600	37.62	-
501-MW20H-1LB	20	1 lb.	300	6.43	5.84
501-MW20H	20	8 lb.	2,500	38.94	-
501-MW22H-1LB	22	1 lb.	500	6.75	6.14
501-MW22H	22	8 lb.	4,000	40.94	-
501-MW24H-1LB	24	1 lb.	700	7.23	6.57
501-MW24H	24	8 lb.	6,000	43.79	-
501-MW26H-1LB	26	1 lb.	1,200	7.70	7.00
501-MW26H	26	8 lb.	10,000	46.68	-
501-MW28H-1LB	28	1 lb.	1,500	8.48	7.71
501-MW28H	28	8 lb.	15,000	64.27	-

LACING FILAMENT

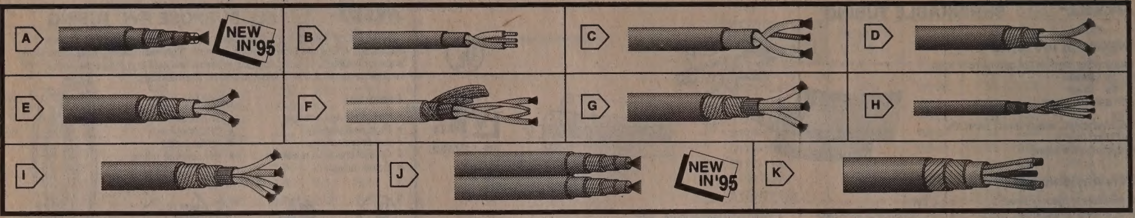
Waxed with a fungicidal wax exceeding military specifications
r excellent knot retention.

Supplied In 500 Yard Spools

MOUSER STOCK NO.	Width (In.)	Color	Spool Price
501-50N0F17-W-WH	.090	Natural	17.87

DGS PRO-AUDIO

Gotham Professional Audio Cables



AUDIO CABLES

Gotham cable has achieved an unrivaled reputation for excellence. As a result, it is rapidly becoming the cable of choice of professional recording and broadcast studios and audiophiles. Gotham has combined an ultraflexible PVC jacket, low capacitance PE or PVC insulation, and double reussen shielding with excellent electrical characteristics to achieve the most advanced audio cables available today. Detailed specifications and application notes are available upon request.

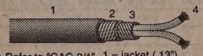
Features:

- Ultraflexible PVC Jacket
- Low capacitance PE or PVC insulation
- Excellent electrical characteristics

*Polyurethane jacket

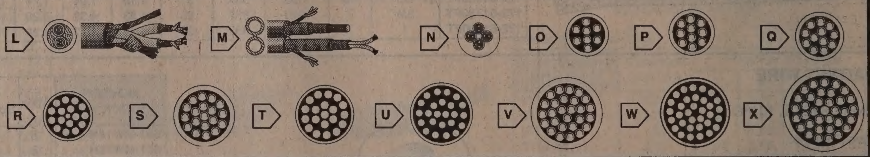
Gotham Type	Conductor x AWG	Stranding	Jacket O.D. (In.)	Jacket Color	MOUSER STOCK NO.	Fig.	Price Per Meter 1	Price Per Meter 15	Price Per Meter 30	MOUSER STOCK NO.	Spool Size (Meter)	Price Per Spool
GAC-1	1 x 24	48 x 41	.209	Red	178-1700M	A	1.58	1.31	1.19	178-1700	100	108.53
				Gray	178-1701M	A	1.58	1.31	1.19	178-1701	100	108.53
				Blue	178-1702M	A	1.58	1.31	1.19	178-1702	100	108.53
				Black	178-1703M	A	1.58	1.31	1.19	178-1703	100	108.53
				Yellow	178-1707M	A	1.58	1.31	1.19	178-1707	100	108.53
GAC-2 / MINI	2 x 27	Solid	.087	Red	178-1704M	B	.47	.39	.35	178-1704	500	147.48
				Gray	178-1705M	B	.47	.39	.35	178-1705	500	147.48
				Gray		B				178-1706	1000	278.26
GAC-2 / FOIL V.1	2 x 24	7 x 32	.118	Black	178-1709M	C	.84	.70	.64	178-1709	800	425.18
GAC-2 / 1	2 x 24	25 x 38	.13	Gray	178-1711M	D	1.00	.84	.76	178-1711	300	207.30
				Gray		D				178-1712	800	535.66
GAC-2	2 x 24	48 x 41	.213	Red	178-1715M	E	1.72	1.43	1.30	178-1715	100	118.54
				Gray	178-1716M	E	1.72	1.43	1.30	178-1716	100	118.54
				Pink	178-1717M	E	1.72	1.43	1.30	178-1717	100	118.54
				Blue	178-1718M	E	1.72	1.43	1.30	178-1718	100	118.54
				Black	178-1719M	E	1.72	1.43	1.30	178-1719	100	118.54
				Black		E				178-1720	300	271.30
				Black		E				178-1721	1000	911.30
				Yellow	178-1722M	E	1.72	1.43	1.30	178-1722	100	118.54
				Mint	178-1723M	E	1.72	1.43	1.30	178-1723	100	118.54
* GAC-2 PUR	2 x 24	48 x 41	.213	Blue	178-1724M	E	2.19	1.82	1.66	178-1724	300	452.18
GAC-2 AES	2 x 22	7 x 30	.236	Gray	178-1727M	F	2.48	2.06	1.88	178-1727	200	340.86
GAC-SPK2	1 x 12	50 x 30	.268	Blue	178-1781M	A	4.07	3.36	3.05	178-1781	200	552.60
GAC-3	3 x 24	96 x 44	.197	Gray	178-1730M	G	2.06	1.72	1.56	178-1730	100	141.91
				Gray		G				178-1731	300	335.30
				Black	178-1732M	G	2.06	1.72	1.56	178-1732	100	141.91
				Black		G				178-1733	300	335.30
				Red	178-1734M	G	2.06	1.72	1.56	178-1734	100	141.91
				Red		G				178-1735	300	335.30
				Blue	178-1736M	G	2.06	1.72	1.56	178-1736	100	141.91
				Blue		G				178-1737	300	335.30
GAC-3	3 x 24	96 x 44	.228	Black	178-1739M	G	2.06	1.72	1.56	178-1739	100	141.91
				Black		G				178-1741	250	354.78
GAC-4 / 1 MINI	4 x 26	48 x 38	.134	Gray	178-1740M	H	1.50	1.25	1.13	178-1740	250	257.40
GAC-4 / 1	4 x 24	96 x 44	.213	Black	178-1743M	I	2.52	2.10	1.91	178-1743	100	173.62
				Black		I				178-1744	300	409.04
GAC-SPK4	2 x 12	50 x 30	2 x .272	Blue	178-1780M	J	8.32	6.93	6.30	178-1780	100	569.87
GAC-7	2 x 20 5 x 26	252 x 44AWG 72 x 44AWG	.244	Gray	178-1746M	K	4.97	4.12	3.72	178-1746	200	682.56

Construction of one pair:



- Refer to "GAC-2/1" for detailed specifications

1 = jacket (.13")
2 = shield 1
3 = shield 2
4 = conductor (24 AWG)



MULTIPAIR AUDIO CABLES

Specifications:

- Conductor resistance: ≤105Ω/KM
- Shield resistance: ≤22Ω/KM
- Capacitance cond. to cond.: ≤90nF/KM
- Capacitance cond. to shield: ≤150nF/KM
- Impedance: 145Ω ± 10%

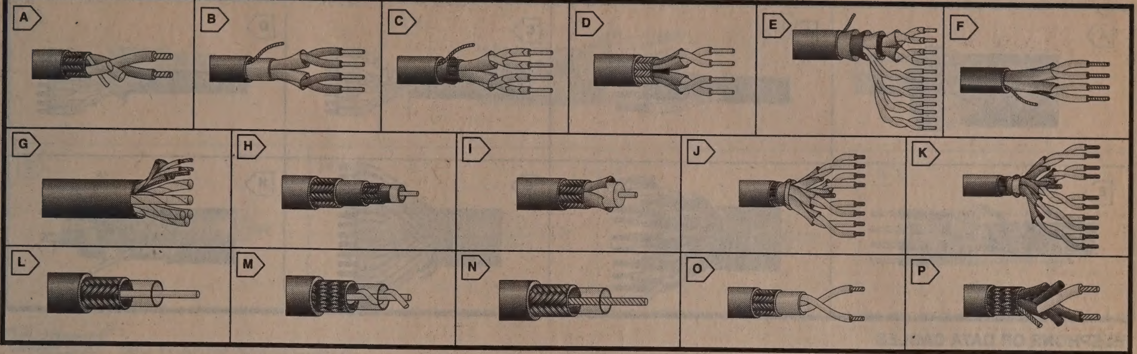
Features:

- Ultraflexible PVC jacket
- Low capacitance PE insulation
- Double reussen shield

† Foil shield (not double reussen shielded)

Gotham Type	Conductor x AWG	Stranding	Jacket O.D. (In.)	Jacket Color	MOUSER STOCK NO.	Fig.	Price Per Meter 1	Price Per Meter 15	Price Per Meter 30	Lengths Greater Than 30 Meters
GAC-2 (2 PAIR) ROUND	2 x 2 x 29	16 x 41	.295	Gray	178-1747M	L	3.46	2.89	2.62	**Call For Quote** **Multi-pair cable is available in various lengths up to 300 meters. Partial spool lengths are also available. Call your Mouser Service Representative for sizes currently available for immediate delivery.**
GAC-2 (2 PAIR) FLAT	2 x 2 x 24	25 x 38	.335 x .169	Gray	178-1748M	M	2.27	1.89	1.72	
GAC-4 (4 PAIR)	4 x 2 x 24	25 x 38	.449	Gray	178-1751M	N	5.62	4.69	4.26	
GAC-8 (8 PAIR)	8 x 2 x 24	25 x 38	.63	Gray	178-1754M	O	10.66	8.88	8.07	
GAC-10 (10 PAIR)	10 x 2 x 24	25 x 38	.669	Gray	178-1757M	P	12.22	10.19	9.26	
GAC-12 (12 PAIR)	12 x 2 x 24	25 x 38	.709	Gray	178-1760M	Q	14.63	12.19	11.08	
† GAC-12 / FOIL (12 PAIR)	12 x 2 x 24	Solid	.709	Blue	178-1761M	Q	11.09	9.24	8.40	
GAC-16 (16 PAIR)	16 x 2 x 24	25 x 38	.79	Gray	178-1763M	R	19.81	16.49	15.01	
GAC-19 (19 PAIR)	19 x 2 x 24	25 x 38	.866	Gray	178-1764M	S	23.45	19.55	17.77	
GAC-20 (20 PAIR)	20 x 2 x 24	25 x 38	.87	Gray	178-1765M	T	25.08	20.87	19.00	
GAC-24 (24 PAIR)	24 x 2 x 24	25 x 38	.95	Gray	178-1769M	U	29.51	24.56	22.36	
GAC-27 (27 PAIR)	27 x 2 x 24	25 x 38	1.00	Gray	178-1767M	V	31.78	26.48	24.07	
GAC-32 (32 PAIR)	32 x 2 x 24	25 x 38	1.08	Gray	178-1777M	W	38.21	31.80	28.95	
GAC-34 (34 PAIR)	34 x 2 x 24	25 x 38	1.12	Gray	178-1770M	X	40.30	33.59	30.53	

Belden Wire and Cable



LOCAL AREA NETWORK CABLES

Apple Talk LAN Cables

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	AWG	Strand	Nom. O.D.	Nom. Imp.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9999	A	Twinaxial, UL 2092	CM	22	7 x 30	.180	78	90 Braid	566-9999-100	43.00	566-9999-500	146.20	566-9999-1000	266.60

Plenum (Non-Conduit Subject 13)

89999	A	Twinaxial, plenum	CMP	22	7 x 30	.178	78	85 Braid	566-89999-100	103.75	566-89999-500	352.75	566-89999-1000	643.25

IBM TYPE CABLES

IBM Type 1A, IEEE 802.5

• AWG: 22 • Strand: solid • Nominal Impedance: 150Ω

								100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	IBM Part No.	NEC Type	No. of Pairs	Nom. O.D.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9688	B	Non-Plenum	4716748	CM	2	.295 x .430	100 / Foil, 65 Braid	566-9688-100	40.75	566-9688-500	138.55	566-9688-1000	252.65
82688	C	Plenum	4716749	CMP	2	.250 x .350	100 / Foil, 65 Braid	566-82688-100	80.00	566-82688-500	272.00	566-82688-1000	496.00

IBM Type 6A Office Cable, IEEE 802.5

• AWG: 26 • Strand: 7 x 34 • Nominal Impedance: 150Ω

1215A	D	Non-Plenum	4716743	CL2	2	.360	100 / Foil, 65 Braid	566-1215A-100	42.50	566-1215A-500	144.50	566-1215A-1000	263.50

IBM Type 2A, IEEE 802.5

• Number of Pairs: 2-Data, 4-Voice • Nominal Impedance: 150 Data Ω, 105 Voice

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	IBM Part No.	NEC Type	AWG	Strand	Nom. O.D.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9689	E	Non-Plenum	4716739	CM	22	Solid	.492	100 / Foil, 65 Braid	566-9689-100	63.50	566-9689-500	215.90	566-9689-1000	393.70
82689	E	Plenum	4716738	CMP	22	Solid	.438	100 / Foil, 65 Braid	566-82689-100	118.75	566-82689-500	403.75	566-82689-1000	736.25

COMPUTER CABLES, PAIRED, AND INDIVIDUALLY SHIELDED

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Pairs	AWG	Strand	Nom. O.D.	Nom. Imp. Ω	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8723	F	CM	2	22	7 x 30	.165	45	100 Foil	566-8723-100	28.00	566-8723-500	95.20	566-8723-1000	173.60
8777	G	CM	3	22	7 x 30	.273	50	100 Foil	566-8777-100	54.50	566-8777-500	185.30	566-8777-1000	337.90
8778	G	CM	6	22	7 x 30	.362	50	100 Foil	566-8778-100	95.00	566-8778-500	323.00	566-8778-1000	589.00

LAN TRUNK CABLE

IEEE 802.3 10 Base 5 LAN Trunk / Transceiver Coaxial Cables

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	AWG	Strand	Nom. O.D.	Nom. Imp.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9880	H	Ethernet, foil / braid shield	CL2	.0855	Solid	.405	50	93 / 95	566-9880-100	112.00	566-9880-500	380.80	566-9880-1000	694.40
89880	H	Ethernet, plenum	CL2P	.0855	Solid	.375	50	95 / 95	566-89880-100	257.50	566-89880-500	875.50	566-89880-1000	1596.50

IEEE 802.3 10 Base 2 LAN Trunk Cable

9907	I	Ethernet, foil / braid shield	CL2	20	19 x 32	.182	50	93	566-9907-100	30.25	566-9907-500	102.85	566-9907-1000	187.55
89907	I	Ethernet, plenum	CMP	20	19 x 32	.165	50	93	566-89907-100	58.75	566-89907-500	199.75	566-89907-1000	364.25

LAN TRANSCEIVER CABLES

										100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	No. of Pairs	NEC Type	AWG	Strand	Nom. O.D.	Nom. Imp.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9901	J	UL2919	4	CL2	20	7 x 28	.415	78	Foil + 95 Braid	566-9901-100	135.50	566-9901-500	460.70	566-9901-1000	840.10
9902	K	UL2919	5	CL2	20	7 x 28	.518	78	Foil + 94 Braid	566-9902-100	222.50	566-9902-500	756.50	566-9902-1000	1379.50

COMPUTER CABLES

								100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	AWG	Strand	Nom. O.D.	Nom. Imp.	% Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8240	L	50Ω Transmission cable, RG58 /U	20	Solid	.193	53.5	95	566-8240-100	28.25	566-8240-500	96.05	566-8240-1000	175.15
82240	L	RG 58/U type, plenum	20	Solid	.161	53.5	95	566-82240-100	74.50	566-82240-500	253.30	566-82240-1000	461.90
9269	M	RG 62A/U type	22	Solid	.242	93	95	566-9269-100	22.00	566-9269-500	74.80	566-9269-1000	136.40
82269	M	RG 62/U type, plenum	22	Solid	.204	93	95	566-82269-100	61.25	-------	-----	566-82269-1000	379.75
8216	N	RG 174/U type	26	7 x 34	.101	50	95	566-8216-100	27.50	566-8216-500	93.50	-----------	------
9207	O	Twinaxial, foil / braid shield	20	7 x 28	.330	100	86	566-9207-100	54.25	566-9207-500	184.45	566-9207-1000	336.35
9463	P	Twinaxial, foil / braid shield	20	7 x 28	.243	78	100	566-9463-100	43.75	566-9463-500	148.75	566-9463-1000	271.25

Belden Telephone and Data Cables

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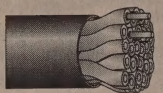

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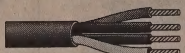

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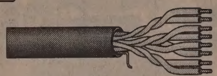

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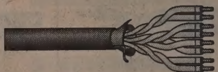

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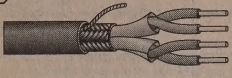

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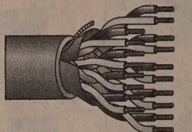

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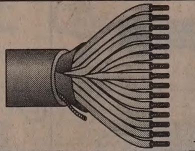

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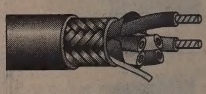


TELEPHONE OR DATA CABLES

Unshielded, Twisted Pairs

- AWG: 24 (solid)
- Nominal impedance: 600Ω @ 1KHz, 105Ω @1MHz

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Pairs	Nominal O.D. (In.)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1227A	A	CM	2 pr.	.120	Bare copper, S-R PVC insulated, gray PVC jacket	566-1227A-100	8.25	566-1227A-500	29.21	566-1227A-1000	51.15
1229A	A	CMR	4 pr.	.190	Bare copper, S-R PVC insulated, gray PVC jacket	566-1229A-100	10.25	566-1229A-500	36.29	566-1229A-1000	63.55
1230A	A	CMR	6 pr.	.230	Bare copper, S-R PVC insulated, gray PVC jacket	566-1230A-100	23.50	566-1230A-500	83.19	566-1230A-1000	145.70
1231A	A	CMR	12 pr.	.300	Bare copper, S-R PVC insulated, gray PVC jacket	566-1231A-100	48.00	566-1231A-500	169.92	566-1231A-1000	297.60
1232A	A	CMR	25 pr.	.380	Bare copper, S-R PVC insulated, gray PVC jacket	566-1232A-100	59.25	566-1232A-500	209.75	566-1232A-1000	367.35

Unshielded, 4 conductor

- AWG: 22 (solid)

						100' Spools		500' Spools		1000' Spools	
1242A	B	CMX	4 c	.140	Bare copper, polyethylene insulated, light gray PVC jacket	566-1242A-100	9.50	566-1242A-500	33.63	566-1242A-1000	58.90

HIGH PERFORMANCE DATA CABLES

Unshielded, Twisted Pairs

- Nominal Impedance: 100Ω
- AWG: 24 (solid)

							100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Pairs	Nominal O.D. (In.)	Description	Jacket Color	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1596A	C	CM	2 pr.	.160	Category 4, polyolefin insul., PVC jacket	Blue	566-1596A-100	11.25	566-1596A-500	39.83	566-1596A-1000	69.75
1588A	C	CM	2 pr.	.185	Category 5, polyolefin insul., PVC jacket	Blue	566-1588A-100	14.25	566-1588A-500	50.45	566-1588A-1000	88.35
1590A	C	CMP	2 pr.	.170	Category 5, FEP insulated, plenum jacket	White	566-1590A-100	29.75	566-1590A-500	105.32	566-1590A-1000	184.45
1455A	C	CM	4 pr.	.169	Solid, non-plenum		566-1455A-100	17.50	-----------	-----	566-1455A-1000	108.50
1457A	C	CMP	4 pr.	.169	Solid, plenum		566-1457A-100	36.25	-----------	-----	566-1457A-1000	224.75
1583A	C	CM	4 pr.	.217	Category 5, polyolefin insul, PVC jacket	Light Gray	566-1583A-100	22.00	566-1583A-500	77.88	566-1583A-1000	136.40
1583A	C	CM	4 pr.	.217	Category 5, polyolefin insul, PVC jacket	Pink	566-1583B-100	22.00	566-1583B-500	77.88	566-1583B-1000	136.40
1585A	C	CMP	4 pr.	.200	Category 5, FEP insulated, plenum jacket	White	566-1585A-100	45.00	566-1585A-500	159.30	566-1585A-1000	279.00
1585A	C	CMP	4 pr.	.200	Category 5, FEP insulated, plenum jacket	Pink	566-1585B-100	45.00	566-1585B-500	159.30	566-1585B-1000	279.00

Shielded, Twisted Pairs

- Nominal Impedance: 100Ω
- AWG: 24 (solid)

						100' Spools		500' Spools		1000' Spools	
1589A	D	CM	2 pr.	.208	Category 5, polyolefin insul., blue PVC jacket	566-1589A-100	22.00	566-1589A-500	77.88	566-1589A-1000	136.40
1591A	D	CMP	2 pr.	.203	Category 5, FEP insulated, Blue Flamarrest® plenum jacket	566-1591A-100	55.50	566-1591A-500	196.47	566-1591A-1000	344.10
1456A	D	CM	4 pr.	.227	Solid, non-plenum, 100% foil shield, UL2464	566-1456A-100	27.25	-----------	-----	566-1456A-1000	168.95
1458A	D	CMP	4 pr.	.210	Solid, plenum, 100% foil shield	566-1458A-100	71.25	-----------	-----	566-1458A-1000	441.75
1584A	D	CM	4 pr.	.250	Category 5, polyolefin insul, blue PVC jacket	566-1584A-100	36.00	566-1584A-500	127.44	566-1584A-1000	223.20
1586A	D	CMP	4 pr.	.245	Category 5, FEP insulated, Blue Flamarrest® plenum jacket	566-1586A-100	93.75	566-1586A-500	331.88	566-1586A-1000	581.25

IBM Cabling System, IEEE 802.5, ISO/IEC 8802.5

- AWG (stranding): 20 (19 x 32)
- Nominal Impedance: 50Ω
- Duobond II® (aluminum laminate)

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	IBM Type	No. of Pairs	Nominal O.D. (In.)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1634A	E	1	2 pr.	.295	Beldfoil each pair 100% with tinned copper braid overall 65%	566-1634A-100	39.50	566-1634A-500	139.83	566-1634A-1000	244.90

Shielded, Twisted Pairs, For EIA RS-232 Applications

- AWG (stranding): 24 (7 x 32)
- Aluminum-polyester shield

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Pairs	Nominal O.D. (In.)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9501	F	CM	1 pr.	.156	S-R PVC insulated, chrome PVC jacket	566-9501-100	18.00	566-9501-500	63.72	566-9501-1000	111.60
9503	F	CM	3 pr.	.232	S-R PVC insulated, chrome PVC jacket	566-9503-100	31.75	566-9503-500	112.40	566-9503-1000	196.85

Shielded, Twisted Pairs, For EIA RS-485 Applications

- AWG (stranding): 24 (7 x 32)
- Aluminum-polyester shield
- Nominal impedance: 120Ω

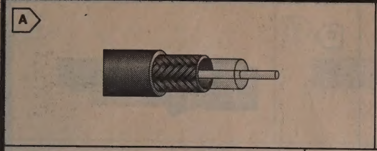
						100' Spools		500' Spools		1000' Spools	
9841	H	CM	1 pr.	.228	Polyethylene insulated, chrome PVC jacket	566-9841-100	73.00	566-9841-500	258.42	566-9841-1000	452.60
9842	H	CM	2 pr.	.336	Polyethylene insulated, chrome PVC jacket	566-9842-100	131.00	566-9842-500	463.74	566-9842-1000	812.20

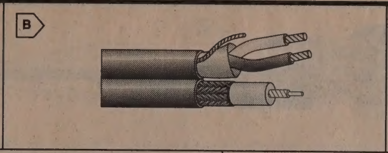
Shielded, Multi-Conductor Cable For EIA RS-232 Applications

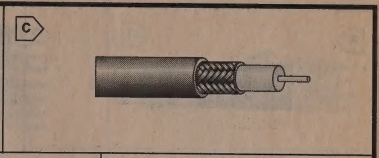
- AWG (stranding): 24 (7 x 32)
- Aluminum-polyester shield

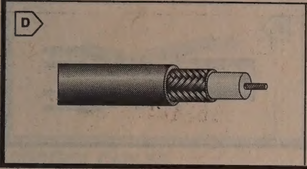
						100' Spools		500' Spools		1000' Spools	
9534	G	CM	4c	.184	S-R PVC insulated, chrome PVC jacket	566-9534-100	25.00	566-9534-500	88.30	566-9534-1000	155.00
9539	G	CM	9c	.244	S-R PVC insulated, chrome PVC jacket	566-9539-100	48.50	566-9539-500	171.69	566-9539-1000	300.70

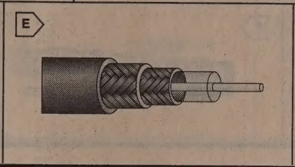
Belden Video Cables

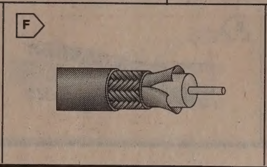


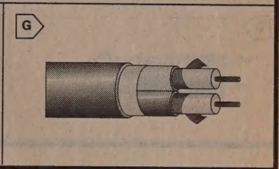












Brilliance® 50Ω TRANSMISSION CABLE

RG-58

- 95% shield coverage, Tinned copper braid, black PVC jacket

Belden Type	Fig.	Nominal O.D. (In.)	AWG (Stranding)	Description	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
8259	A	.193	20 (19 x 33)	50Ω transmission cable, RG58 A/U	566-8259-100	29.00	566-8259-500	102.66	566-8259-1000	179.80

RG-58, Non-contaminating Jacket

- 95% shield coverage, Tinned copper braid, black PVC jacket

Belden Type	Fig.	Nominal O.D. (In.)	AWG (Stranding)	Description	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
8262	A	.195	20 (19 x 33)	50Ω transmission cable, RG58 C/U	566-8262-100	41.00	566-8262-500	145.14	566-8262-1000	254.20

Brilliance® AUDIO AND VIDEO COMPOSITE CAMERA CABLE

RG59, Twisted Pair, Shielded

- Nominal impedance 2 conductor: 35Ω
- Nominal impedance 1 coax: 75Ω
- Black PVC jacket
- Beldfoil shield (twisted pair)
- Bare copper shield (coaxial)

Belden Type	Fig.	NEC Type	Coax O.D. (In.)	Nominal O.D. (In.)	Description	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
9265	B	CL2	.242	.242 x .445	Siamese RG-59/U +22 AWG (7 x 30), twisted pair, shielded	566-9265-100	75.00	566-9265-500	265.50	566-9565-1000	465.00

STANDARD ANALOG VIDEO COAX AND CCTV WIRE

RG-59, Shielded

- Nominal impedance: 75Ω
- Black PVC jacket
- 95% Shield coverage
- Bare Copper braid

*100% sweep tested 5-450MHz

Belden Type	Fig.	NEC Type	AWG (Stranding)	Nominal O.D. (In.)	Nominal Impedance (Ω)	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
8241	A	CL2X	23 (solid)	.242	75	566-8241-100	25.75	566-8241-500	87.55	566-8241-1000	159.65
82241	C	CMP	23 (solid)	.193	75	566-82241-100	113.50	566-82241-500	385.90	566-82241-1000	703.70
9259	D	CL2	22 (7 x 30)	.242	75	566-9259-100	34.25	566-9259-500	121.25	566-9259-1000	212.35
9274	C	CM	20 (solid)	.240	75	566-9274-100	42.50	566-9274-500	150.45	566-9274-1000	263.50

RG-6, 75Ω Impedance

- 100% Duofoil® (aluminum polyester foil) coverage +60% tinned copper braid
- 100% Sweep Tested, 5-450MHz
- Black PVC jacket

Belden Type	Fig.	NEC Type	AWG (Stranding)	Nominal O.D. (In.)	Nominal Impedance (Ω)	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
9248	F	CL2	18 (solid)	.274	75	566-9248-100	37.50	566-9248-500	132.75	566-9248-1000	232.50

PRECISION VIDEO INTERCONNECTS

RG-59, 75Ω Impedance

- 98% shield coverage
- Tinned copper double braid

Belden Type	Fig.	Nominal O.D. (In.)	AWG	Description	Per Foot MOUSER STOCK NO.	Price Per Foot	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
8281	E	.305	20 (solid)	Black polyethylene jacket	566-8281-FT	1.10	566-8281-100	83.50	566-8281-500	283.90	566-8281-1000	517.70
8281F	E	.305	22 (7 x 29)	Very flexible version of 8281	566-8281F-FT	1.35	566-8281F-100	102.50	566-8281F-500	362.85	566-8281F-1000	635.50

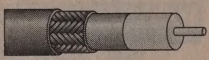
Brilliance® S-VHS PRECISION VIDEO CABLE

Shielded, SVHS Cable

- Round Construction
- High Flex Design
- Tinned copper, overall black matte PVC jacket, 90% shield coverage

Belden Type	Fig.	Nominal Imp. (Ω)	Nominal O.D. (In.)	AWG (Stranding)	Description	Per Foot MOUSER STOCK NO.	Price Per Foot	100' Spools MOUSER STOCK NO.	Price Per 100' Spool
1808A	G	75	.255	30 (7 x 38)	Tinned copper, overall black matte PVC jacket, 90% shield coverage	566-1808A-FT	2.95	566-1808A-100	225.00

Belden CATV / MATV Coaxial, and Line Level Cables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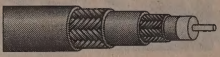
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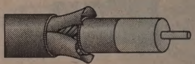
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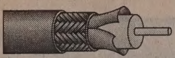
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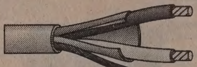
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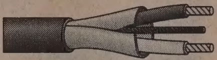
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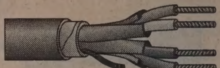
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CABLE TELEVISION CABLE (CATV)

RG- 59

- AWG: 20 (solid)
- Black PVC jacket
- 9104: 100% Sweep Tested from 5MHz-1000MHz
- 1186A: 100% Sweep Tested from 5MHz-1GHz, SRL 20dB minimum

					100' Spools		500' Spools		1000' Spools	
Belden Type	**Fig.**	**NEC Type**	**Nominal O.D. (In.)**	**Description**	**MOUSER STOCK NO.**	**Price Per 100' Spool**	**MOUSER STOCK NO.**	**Price Per 500' Spool**	**MOUSER STOCK NO.**	**Price Per 1000' Spool**
9104	A	CATV/CL2	.242	Duobond II® +67% aluminum braid	566-9104-100	15.50	566-9104-500	54.87	566-9104-1000	96.10
Quad Shielded Cable Television Cable (CATV)										
1186A	B	CATV	.265	Duobond II® +65% alum. braid +Duofoil® tape +45% alum. braid	566-1186A-100	24.50	566-1186A-500	86.73	566-1186A-1000	151.90

RG-6

- AWG: 18 (solid)
- Black PVC jacket
- 9116: 100% Sweep Tested from 5MHz-1000MHz
- 9118 and 1189A: 100% Sweep Tested from 5MHz-1GHz, SRL 20dB minimum

					100' Spools		500' Spools		1000' Spools	
9116	A	CATV/CL2	.275	Duobond II® +61% aluminum braid	566-9116-100	15.12	566-9116-500	63.72	566-9116-1000	111.60
9118	C	CATV	.275	Duobond III® +61% aluminum braid, + aluminum polyester foil	566-9118-100	22.00	566-9118-500	77.88	566-9118-1000	136.40
Quad Shielded Cable Television Cable (CATV)										
1189A	B	CATV/CL2	.295	Duobond II® +60% alum. braid +Duofoil® tape +40% alum. braid	566-1189A-100	25.25	566-1189A-500	89.39	566-1189A-1000	156.55

RG-11 Quad Shielded

- AWG: 18 (solid)
- Black PVC jacket
- 100% Sweep Tested from 5MHz-1GHz, SRL 20dB minimum

					100' Spools		500' Spools		1000' Spools	
Belden Type	**Fig.**	**NEC Type**	**Nominal O.D. (In.)**	**Description**	**MOUSER STOCK NO.**	**Price Per 100' Spool**	**MOUSER STOCK NO.**	**Price Per 500' Spool**	**MOUSER STOCK NO.**	**Price Per 1000' Spool**
1617A	B	CATV	.413	Duobond II® +60% alum. braid +Duofoil® tape +40% alum. braid	566-1617A-100	69.75	566-1617A-500	246.92	566-1617A-1000	432.45

Duobond II® = Laminated shielding tape consisting of heat sensitive adhesive, aluminum foil, polyester, and aluminum foil.
Duobond III® = (Tri shield) Duobond II® design plus a surrounding layer of Duofoil®.
Duofoil® = Belden trademark for a shield in which metallic foil is applied to both sides of a supporting plastic film.

MASTER ANTENNA TELEVISION CABLE (MATV)

Duobond II® = Laminated shielding tape consisting of heat sensitive adhesive, aluminum foil, polyester, and aluminum foil.
Duobond III® = (Tri shield) Duobond II® design plus a surrounding layer of Duofoil®.
Duofoil® = Belden trademark for a shield in which metallic foil is applied to both sides of a supporting plastic film.

RG-59, Shielded

- Nominal impedance: 75Ω
- Black PVC jacket

					100' Spools		500' Spools		1000' Spools	
Belden Type	**Fig.**	**NEC Type**	**Nominal O.D. (In.)**	**Description**	**MOUSER STOCK NO.**	**Price Per 100' Spool**	**MOUSER STOCK NO.**	**Price Per 500' Spool**	**MOUSER STOCK NO.**	**Price Per 1000' Spool**
9275	D	CATV	.237	Duofoil® +40% aluminum braid, 100% shield	566-9275-100	14.50	566-9275-500	51.33	566-9275-1000	89.90
9100	A	CATV	.237	Duobond II® +40% aluminum braid, 100% shield	566-9100-100	14.50	566-9100-500	51.33	566-9100-1000	89.90

RG-6

- Nominal impedance: 75Ω
- Nominal O.D.: .275"
- Black PVC jacket

				100' Spools		500' Spools		1000' Spools	
Belden Type	**Fig.**	**NEC Type**	**Description**	**MOUSER STOCK NO.**	**Price Per 100' Spool**	**MOUSER STOCK NO.**	**Price Per 500' Spool**	**MOUSER STOCK NO.**	**Price Per 1000' Spool**
9114	A	CATV	Duobond II® +40% aluminum braid, 100% shield sweep tested 5-1000MHz	566-9114-100	17.75	566-9114-500	62.84	566-9114-1000	110.05

RG-11

- Nominal impedance: 75Ω
- Black PVC jacket

				100' Spools		500' Spools		1000' Spools	
Belden Type	**Fig.**	**Nominal O.D. (In.)**	**Description**	**MOUSER STOCK NO.**	**Price Per 100' Spool**	**MOUSER STOCK NO.**	**Price Per 500' Spool**	**MOUSER STOCK NO.**	**Price Per 1000' Spool**
9011	D	.405	Duofoil® +40% aluminum braid, 100% shield, sweep tested 5-1000MHz	566-9011-100	93.50	566-9011-500	292.05	566-9011-1000	483.60

Brilliance® LINE LEVEL ANALOG AUDIO CABLES

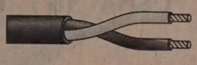
Shielded, Twisted Pairs

- Tinned copper
- Beldfoil® Aluminum-polyester shield

							100' Spools		500' Spools		1000' Spools	
Belden Type	**Fig.**	**NEC Type**	**No. of Pairs**	**AWG (Stranding)**	**Nominal O.D. (In.)**	**Description**	**MOUSER STOCK NO.**	**Price Per 100' Spool**	**MOUSER STOCK NO.**	**Price Per 500' Spool**	**MOUSER STOCK NO.**	**Price Per 1000' Spool**
8451	E	CM	1 pr.	22 (7 x 30)	.138	Black PVC jacket	566-8451-100	19.00	566-8451-500	67.26	566-8451-1000	117.80
88761	F	CMP	1 pr.	22 (7 x 30)	.118	Red tint Teflon plenum jacket	566-88761-100	50.00	566-88761-500	177.00	566-88761-1000	310.00
88760	F	CMP	1 pr.	18 (19 x 30)	.157	Red transparent Teflon plenum jacket	566-88760-100	53.75	566-88760-500	190.28	566-88760-1000	333.25
8719	E	CL2	1 pr.	16 (19 x 29)	.310	Chrome PVC jacket	566-8719-100	50.00	566-8719-500	177.00	566-8719-1000	310.00
8720	E	CL2	1 pr.	14 (19 x 27)	.355	Chrome PVC jacket	566-8720-100	57.25	566-8720-500	202.67	566-8720-1000	354.95
88723	G	CMP	2 pr.	22 (7 x 30)	.150	Red tint Teflon plenum jacket	566-88723-100	70.00	566-88723-500	247.80	566-88723-1000	434.00

Belden Sound and Multi-Purpose Control Cable

A



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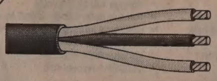

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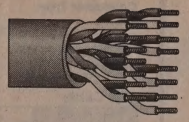

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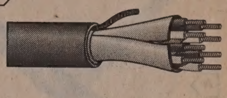

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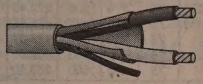

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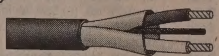

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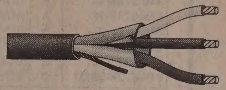

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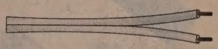


CONTROL CABLES

Unshielded, Solid Conductors

- AWG: 22 (solid)
- Rose gray PVC jacket

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Conductors	Nominal O.D. (In.)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8795	A	CM	2 c	.168	Bare copper, polyethylene insulated	566-8795-100	21.25	566-8795-500	75.23	566-8795-1000	131.75
9794	B	MP/CM	4 c	.200	Bare copper, polyethylene insulated	566-9794-100	27.50	566-9794-500	97.35	566-9794-1000	170.50

Unshielded, Solid Conductors, Twisted Pairs

- AWG: 22 (solid)
- Chrome PVC jacket

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Pairs	Nominal O.D. (In.)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8741	C	MP/CM	2 pr.	.230	Tinned copper, PVC insulated	566-8741-100	30.75	566-8741-500	108.86	566-8741-1000	190.65
8757	C	MP/CM	4 pr.	.264	Tinned copper, PVC insulated	566-8757-100	63.50	566-8757-500	224.79	566-8757-1000	393.70

SOUND, BROADCAST, AUDIO, INSTRUMENTATION AND CONTROL CABLE

Brilliance® High Conductive Cable, Unshielded, Twisted Pairs

- Tinned copper
- PVC insulated

							100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Pairs	AWG (Stranding)	Nominal O.D. (In.)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8461	A	MP/CM	1 pr.	18 (7 x 26)	.234	Chrome PVC jacket, black, white	566-8461-100	26.00	566-8461-500	92.04	566-8461-1000	161.20

Unshielded, Stranded Conductors, Twisted Pairs

- Conductors cabled
- PVC insulated

							100' Spools		500' Spools		1000' Spools	
8442	A	CM	1 pr.	22 (7 x 30)	.170	Tinned copper, chrome PVC jacket	566-8442-100	14.75	566-8442-500	52.22	566-8442-1000	91.45

Unshielded, Stranded, Multi-Conductor Cable

								100' Spools	
Belden Type	Fig.	Cable Type	NEC Type	No. of Cond.	AWG	Strand	Nom. O.D.	MOUSER STOCK NO.	Price Per 100' Spool
8443	B	UL 2576	CM	3	22	7 x 30	.172	566-8443-100	24.75
8444	B	UL 2576	CM	4	22	7 x 30	.185	566-8444-100	26.00

Shielded, Stranded Conductors

- Overall Beldfoil shield (aluminum -polyester shield)

							100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Conductors	AWG (Stranding)	Nominal O.D. (In.)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9418	D	CM	4 c	18 (19 x 30)	.245	S-R PVC insulated	566-9418-100	43.75	566-9418-500	154.88	566-9418-1000	271.25

Shielded, Stranded Conductors, Twisted Pairs

- Overall Beldfoil shield
- Chrome PVC jacket
- S-R PVC insulated
- NEC Type: CM

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	No. of Pairs	Nominal O.D. (In.)	AWG (Stranding)	Description	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9501	E	1 pr.	.156	24 (7 x 32)	Tinned copper, aluminum-polyester shield	566-9501-100	18.00	566-9501-500	63.72	566-9501-1000	111.60
9462	E	1 pr.	.180	22 (7 x 30)	Tinned copper, aluminum-polyester shield	566-9462-100	30.25	566-9462-500	107.09	566-9462-1000	187.55

Paired Cable

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	No. of Pairs	AWG	Strand	Nom. O.D.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8761	E	UL2092, non-plenum	CM	1	22	7 x 30	.175	100 Foil	566-8761-100	23.25	566-8761-500	79.05	566-8761-1000	144.15
8760	E	UL2092, non-plenum	CM	1	18	16 x 30	.222	100 Foil	566-8760-100	30.25	566-8760-500	102.85	566-8760-1000	187.55
82760	F	Plenum	CMP	1	18	19 x 30	.157	100 Foil	566-82760-100	42.25	566-82760-500	143.65	566-82760-1000	261.95

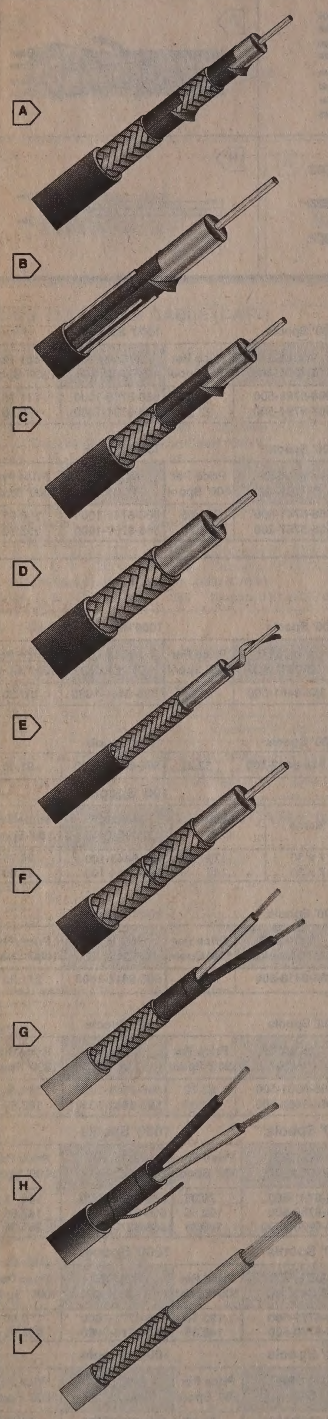
Multi-Conductor Cable

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	No. of Cond.	AWG	Strand	Nom. O.D.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8771	G	UL2093	CM	3	22	7 x 30	.199	100 Foil	566-8771-100	27.50	566-8771-500	93.50	566-8771-1000	170.50
8770	G	UL2093	CM	3	18	16 x 30	.246	100 Foil	566-8770-100	42.75	566-8770-500	145.35	566-8770-1000	265.05

Two Conductor Speaker Wire

								100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	No. of Cond.	AWG	Strand	Nom. O.D.	Color	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8782	H	Parallel	2	24	7 x 32	.058 x .115	Clear	566-8782-100	12.50	566-8782-500	34.00	566-8782-1000	62.00

CAROL Coaxial, Twinaxial, and Microphone Cable



75 OHM COAXIAL CABLE (Nominal)

Conductor Type:

- BCU-bare copper
- BCW-bare copperweld
- TCU-tinned copper
- TCW-tinned copperweld

Applications:

- MATV/CATV
- Local area network
- Computer
- RF transmission
- Broadcast

- NEC Article 725 CL2
- Voltage rating: 30 volts
- Temperature rating: -20°C to +60°C
- Solid and stranded conductors
- Shielding as noted
- Variety of impedance
- UL/OSHA Acceptable

*OSHA UL NEC

RG6 Cable

MOUSER STOCK NO.	Fig.	Conductor			% Shield Type	Imp. (Ω)	OD (In.)	Spool Feet	Spool Price	
		Type	AWG	Strand					1	5
515-5785-12	A	BCW	18	Solid	(2) 100% foil, (2) 55% alum. braid, CATV	75	.270	100	62.92	57.20
515-5785-18	A	BCW	18	Solid	(2) 100% foil, (2) 55% alum. braid, CATV	75	.270	500	272.40	153.91
515-5785-21	A	BCW	18	Solid	(2) 100% foil, (2) 55% alum. braid, CATV	75	.270	1000	421.85	245.44
515-5760-18	B	BCU	18	Solid	100% foil, #30 drain wire	75	.242	500	126.07	71.19
*515-5777-18	C	BCU	18	Solid	Cu 100% foil 61% tinned braid	75	.270	500	109.30	103.73
515-5776-38-01	C	BCU	18	Solid	100% foil 95% aluminum braid	75	.270	500	253.60	128.26

RG59 Cable

515-5783-18	C	BCW	20	Solid	100% foil, 61% tinned Cu braid	75	.242	500	80.00	74.58
515-5784-38	A	BCW	20	Solid	(2) 100% foil, (2) 40% alum. braid, CATV	75	.242	500	170.60	96.36
515-1147-18	C	BCW	20	Solid	100% foil, 67% alum. braid, CATV	75	.242	500	72.66	65.25
*515-5780-18	C	BCW	20	Solid	100% foil 40% aluminum braid	75	.242	500	121.86	115.67
515-1103-18	D	BCU	22	(7 x 30)	95% Cu braid	75	.242	500	202.14	114.31
*515-5770-18	C	BCW	22	Solid	100% foil 40% aluminum braid	75	.242	500	152.14	144.41
515-1112-18	D	BCW	22	Solid	70% Cu braid	80	.242	500	91.10	75.60
*515-1104-12	D	BCW	22	Solid	95% Cu braid	73	.242	100	45.00	39.30
515-1135-18	D	BCW	22	Solid	95% Cu braid	80	.242	500	105.00	103.96
515-1106-18	D	BCW	23	Solid	95% Cu braid	75	.242	500	205.00	194.59

RG11 Cable

515-5029-38	C	BCU	14	Solid	100% foil, 61% tinned Cu braid	75	.405	500	222.00	184.65
515-5025-38	D	BCU	14	Solid	95% Cu braid	75	.405	500	246.40	212.21
515-1160-38	D	TCU	18	(7 x 26)	95% Cu braid	75	.405	500	290.00	225.21

RG62 Cable

515-1163-18	E	BCW	22	Solid	95% Cu braid	93	.242	500	125.00	118.65
*515-1164-18	E	BCW	22	Solid	95% Cu braid	93	.242	500	129.90	123.26

Video Cable

515-1191-12	F	BCU	20	Solid	96% double tinned Cu braid	75	.304	100	77.70	67.96

LAN Cable

515-0990-12	A	BCW	20	Solid	(2) 100% foil (2) 92% Cu braid	75	.405	100	174.86	153.00

50 OHM COAXIAL CABLE (Nominal)

RG8 Cable

515-1180-38	C	BCU	9.5	Solid	100% bonded foil, 88% Sn/Cu braid	50	.405	500	345.70	308.94
515-1108-18	D	BCU	16	(19 x 28)	95% Cu braid	50	.242	500	254.29	139.67
515-1154-12	D	BCU	13	(7 x 21)	95% Cu braid	52	.405	100	64.00	55.94
515-1198-12	D	BCU	11	(19 x 24)	95% Cu braid	50	.405	100	74.00	64.80

RG58 Cable

515-1116-18	D	BCU	20	Solid	70% tinned Cu braid	55	.195	500	83.70	70.96
515-1116-21	D	BCU	20	Solid	70% tinned Cu braid	55	.195	1000	194.98	115.04
515-5045-18	D	BCU	20	Solid	95% tinned Cu braid	55	.195	500	147.70	100.57
*515-1188-18	D	TCU	20	(19 x .0071)	95% tinned Cu braid	50	.195	500	121.81	106.40
515-1188-21	D	TCU	20	(19 x .0071)	95% tinned Cu braid	50	.195	1000	336.05	195.52
515-1140-18	D	BCW	20	(19 x .32)	95% tinned Cu braid	50	.178	500	640.90	608.30
515-1166-12	D	BCU	20	Solid	95% tinned Cu braid	53.5	.195	100	21.60	18.90
515-1166-18	D	BCU	20	Solid	95% tinned Cu braid	53.5	.195	500	90.00	85.43
515-1166-21	D	BCU	20	Solid	95% tinned Cu braid	53.5	.195	1000	290.57	169.06
515-1178-12	D	BCU	20	(19 x .007)	95% tinned Cu braid	50	.195	100	22.60	19.80
515-1178-18	D	BCU	20	(19 x .007)	95% tinned Cu braid	50	.195	500	153.18	125.89
515-1178-21	D	BCU	20	(19 x .007)	95% tinned Cu braid	50	.195	1000	303.44	176.55

RG174 Cable

515-1156-12	D	BCW	26	(7 x 34)	95% tinned Cu braid	50	.100	100	32.57	28.50
515-1156-18	D	BCW	26	(7 x 34)	95% tinned Cu braid	50	.100	500	135.71	128.82
515-1156-21	D	BCW	26	(7 x 34)	95% tinned Cu braid	50	.100	1000	262.54	152.75

LAN Cable

515-5779-18	C	BCU	20	(19 x 32)	100% bonded foil, 77% tinned Cu braid	50	.182	500	99.30	94.24

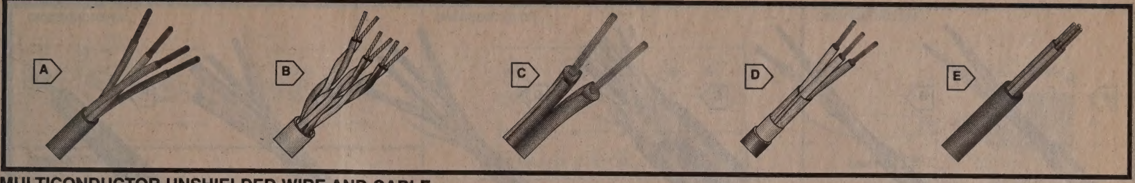
TWINAXIAL CABLE

MOUSER STOCK NO.	Fig.	Conductor		% Shield Type	Rating	Imp. (Ω)	OD (In.)	Spool Feet	Spool Price	
		AWG	Strand						1	5
515-8000-12	G	20	(7 x 28)	95% tinned Cu braid	300V, 80°C	100	.330	100	71.14	62.25
515-8002-12	G	20	(7 x 28)	93% tinned Cu braid	150V, 60°C	78	.242	100	38.30	32.40
515-8002-21	G	20	(7 x 28)	93% tinned Cu braid	150V, 60°C	78	.242	1000	501.93	292.03

SHIELDED MICROPHONE CABLE

MOUSER STOCK NO.	Fig.	No. of Cond.	Conductor		% Shield Type	Jacket Color	Impedance	OD (In.)	Spool Feet	Spool Price	
			AWG	Strand						1	5
515-1228-18-1	H	2	24	(19x36)	100% alum. foil	Black	Low impedance	.135	500	119.60	113.50
515-1359-12-10	I	1	25	(7x33)	98% tinned Cu spiral	Gray	High impedance	.090	100	25.00	21.90
515-1359-18	I	1	25	(7x33)	98% tinned Cu spiral	Gray	High Impedance	.090	500	104.30	74.35
515-1322-12	G	2	25	(16x34)	80% tinned Cu braid	Gray	Low impedance	.235	100	50.70	44.39

CAROL Multiconductor Cable and Hook-Up Wire



MULTICONDUCTOR UNSHIELDED WIRE AND CABLE

Communication and Control Cable

NEC UL OSHA CSA

Applications:
- Intercoms
- Public address systems
- Remote Control Circuits
- Audio and sound systems
- EIA RS 232 applications

Features:
- 100 foot spools
- Unpaired, stranded conductors
- Insulation: color coded, UL approved PVC
- Conductors: fully annealed, stranded tinned copper

MOUSER STOCK NO.	Fig.	No. of Conductors	Conductor		Nominal OD (In.)	Spool Price	
			AWG	Strand		1	5
515-2405-12	A	2	16	(26 x 30)	.280	27.10	23.71
515-0436-21	A	3	18	(16 x 30)	.246	262.24	152.58
515-0438-12	A	3	16	(26 x 30)	.274	60.10	52.65
515-2830-12	A	2	18	(16 x 30)	.230	19.40	16.95
515-2831-12	A	3	18	(16 x 30)	.245	42.40	37.09
515-0436-12	A	3	18	(16 x 30)	.246	41.00	35.85
515-2404-12	A	4	18	(16 x 30)	.265	36.30	31.79
515-2404-41	A	4	18	(16 x 30)	.265	310.00	180.38
515-6352-12	A	3	20	(10 x 30)	.210	29.70	26.02
515-6352-21	A	3	20	(10 x 30)	.210	173.25	100.80
515-6348-12	A	2	22	(7 x 30)	.160	9.70	8.55
515-6348-21	A	2	22	(7 x 30)	.160	81.40	65.12
515-4062-12	A	3	22	(7 x 30)	.170	11.70	10.20
515-4062-21	A	3	22	(7 x 30)	.170	142.78	83.08
515-4063-12	A	4	22	(7 x 30)	.180	16.00	13.94
515-4063-21	A	4	22	(7 x 30)	.180	172.76	100.51
515-4064-21	A	5	22	(7 x 30)	.195	220.28	128.16
515-4065-12	A	8	22	(7 x 30)	.230	33.98	30.89
515-4071-12	A	10	22	(7 x 30)	.265	43.00	37.65
515-4067-12	A	12	22	(7 x 30)	.270	49.00	42.90
515-4067-41	A	12	22	(7 x 30)	.270	420.80	279.89
515-4076-12	A	25	22	(7 x 30)	.365	115.90	101.41

MOUSER STOCK NO.	Fig.	Conductor		Nominal O.D.	Spool Price	
		AWG	Strand		1	5
515-4083-12	A	6-22, 2-18	(7 x 30), (16 x 30)	.26	35.46	24.59

Multi-Paired Cable

(1) NEC Article 725 Type CL2
(2) NEC Article 725 Type CL2 NEC Article 800 Type CM
(3) NEC Article 725 Type CL2 NEC Article 800 Type CM/MP

Applications:
- Communications and control circuits
- Computers
- Industrial equipment
- Data transmission

NEC UL OSHA CSA

MOUSER STOCK NO.	Fig.	No. of Pairs	Conductor		Nominal OD (In.)	Spool Feet	Spool Price	
			AWG	Strand			1	5
515-6101-12	B	1	18	(16 x 30)	.230	100	20.40	17.85
515-6118-12	B	2	18	(16 x 30)	.287	100	42.10	36.90
515-4014-18	B	3	22	Solid	.260	500	117.10	111.19
515-4014-21	B	3	22	Solid	.260	1000	234.20	157.44
515-4015-18	B	4	22	Solid	.283	500	153.60	145.77
515-4015-21	B	4	22	Solid	.283	1000	307.10	206.40

Speaker / Parallel / Standard Cable

Applications:
- Juke box
- 2 conductor
- Hi-fi and stereo speaker wire
- Radio
- Commercial sound systems
- Public address systems

UL OSHA

MOUSER STOCK NO.	Fig.	Conductor		Nominal OD (In.)	Jacket Color	Spool Feet	Spool Price	
		AWG	Strand				1	5
515-1363-11-90	C	12	(65 x 30)	.160 x .335	Clear	50	29.09	26.67
515-1363-12-90	C	12	(65 x 30)	.160 x .335	Clear	100	55.40	50.87
515-1363-15-90	C	12	(65 x 30)	.160 x .335	Clear	250	127.00	121.12
515-1363-38-90	C	12	(65 x 30)	.160 x .335	Clear	500	230.70	159.33
515-1363-41-90	C	12	(65 x 30)	.160 x .335	Clear	1000	461.40	318.66
515-1361-11-90	C	14	(41 x 30)	.120 x .230	Clear	50	15.72	14.96
515-1361-12-90	C	14	(41 x 30)	.120 x .230	Clear	100	31.00	28.50
515-1361-15-90	C	14	(41 x 30)	.120 x .230	Clear	250	67.88	64.65
515-1361-18-90	C	14	(41 x 30)	.120 x .230	Clear	500	129.30	103.40
515-1361-21-90	C	14	(41 x 30)	.120 x .230	Clear	1000	258.60	146.40
515-1358-15-90	C	16	(26 x 30)	.112	Clear	250	66.90	64.22
515-1357-12-90	C	18	(16 x 30)	.100	Clear	100	14.30	12.45
515-1415-15-08	C	18	(41 x 34)	.320	Brown	250	36.84	35.37
515-1415-15-01	C	18	(41 x 34)	.320	Black	250	36.84	35.37
515-1356-12-90	C	24	(7 x 32)	.055	Clear	100	6.30	5.54
515-1356-18-90	C	24	(7 x 32)	.055	Clear	500	26.40	25.09
515-1356-21-90	C	24	(7 x 32)	.055	Clear	1000	52.80	35.52

Power Cord Heavy-Duty

Applications:
- Portable extension, temporary use
- Portable tools, lights
- Motors
- Office equipment

*UL †UL CSA OSHA

MOUSER STOCK NO.	Fig.	No. of Conductors	Conductor		Jacket Color	Spool Feet	Spool Price	
			AWG	Strand			1	5
* 515-1415-15-08	C	2	18	(41 x 34)	Brown	250	36.84	35.37
* 515-1415-15-01	C	2	18	(41 x 34)	Black	250	36.84	35.37
† 515-86013-15-01	D	3	18	(16 x 30)	Black	250	98.33	94.39

Telephone Pre-Wire Cable

Applications:
- Intercom systems
- Telephone systems
- Speaker extensions

Features:
- 22 AWG solid conductor
- Color coded conductors
- Beige PVC jacket

UL NEC

MOUSER STOCK NO.	Fig.	No. of Conductors	Conductor		Nominal OD (In.)	Spool Feet	Spool Price	
			AWG	Strand			1	5
515-4408-18	E	2	22	Solid	.119	500	57.60	54.64
515-4408-21	E	2	22	Solid	.119	1000	115.00	77.28
515-4410-18	E	3	22	Solid	.126	500	81.00	76.89
515-4410-21	E	3	22	Solid	.126	1000	162.00	108.86
515-4412-18	E	4	22	Solid	.136	500	73.60	69.83
515-4412-21	E	4	22	Solid	.136	1000	147.10	98.88
515-4406-18	E	6	22	Solid	.157	500	118.10	112.14

WIRE

UL 1007/CSA TR-64 Hook-Up Wire †

- 300V
- -40°C to +80°C
- Passes UL VW-1S vertical flame test
- Fully annealed tinned copper
- Premium grade color coded PVC

Specify color when ordering, see Color Code Chart

OSHA CSA UL
TR-64 Style 1007

Carol Type	Replaces Belden	Replaces Alpha	Conductor		Nominal OD (In.)	100' Spools			1000' Spools			
						MOUSER STOCK NO.	Spool Price		MOUSER STOCK NO.	Spool Price		
			AWG	Strand			1	5		1	5	10
Solid												
C2003	- - - -	- - - -	24	Solid	.054	515-2003-12-___	2.69	2.56	515-2003-21-___	22.45	21.32	Call For Quote
C2004	- - - -	- - - -	22	Solid	.060	515-2004-12-___	3.12	2.96	515-2004-21-___	25.98	24.68	
C2028	- - - -	- - - -	20	Solid	.066	515-2028-12-___	4.23	4.02	515-2028-21-___	35.20	33.44	
Stranded												
C2015	9923	3050	24	(7 x 32)	.058	515-2015-12-___	3.26	3.10	515-2015-21-___	27.17	25.81	
C2016	9921	3051	22	(7 x 30)	.064	515-2016-12-___	3.85	3.66	515-2016-21-___	32.13	30.52	
C2040	9919	3053	20	(10 x 30)	.072	515-2040-12-___	4.54	4.31	515-2040-21-___	37.60	35.72	
C2064	9918	3055	18	(16 x 30)	.082	515-2064-12-___	6.14	5.83	515-2064-21-___	51.27	48.71	

UL 1015 / CSA TEW Hook-Up Wire †

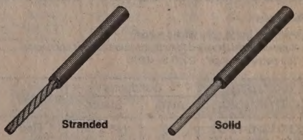
- 600V
- -40°C to +105°C
- Passes UL VW-1S vertical flame test
- Fully annealed tinned copper
- Premium grade color coded PVC

Specify color when ordering, see Color Code Chart

OSHA CSA UL
TR-64 Style 1015

Solid												
2117	- - - -	- - - -	22	Solid	.088	515-2117-12-___	4.49	4.27	515-2117-21-___	33.79	31.99	Call For Quote
2118	- - - -	- - - -	20	Solid	.094	515-2118-12-___	5.86	5.57	515-2118-21-___	43.94	41.69	
2119	- - - -	- - - -	18	Solid	.102	515-2119-12-___	7.56	7.18	515-2119-21-___	56.69	53.89	
Stranded												
2100	9924	3070	24	(7 x 32)	.086	515-2100-12-___	3.94	3.69	515-2100-21-___	29.49	27.99	
2101	8920	3071	22	(7 x 30)	.092	515-2101-12-___	5.28	4.99	515-2101-21-___	39.69	37.69	
2102	8919	3073	20	(10 x 30)	.100	515-2102-12-___	6.12	5.79	515-2102-21-___	45.79	43.49	
2103	8918	3075	18	(16 x 30)	.110	515-2103-12-___	8.69	8.26	515-2103-21-___	65.19	61.95	
2104	8917	3077	16	(26 x 30)	.122	515-2104-12-___	12.26	11.66	515-2104-21-___	91.89	87.30	

† Striped combinations available on special order bases. Call your Mouser customer service representative for information.



New COLORS Available

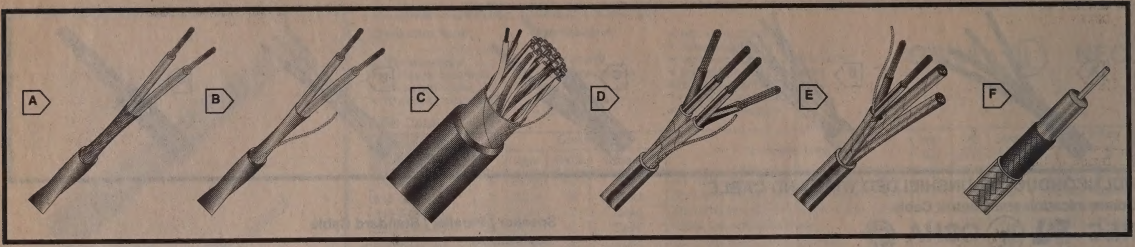
To Order..."Add applicable suffix for desired color to Mouser Stock No."

Example: (515-2003-12-01)

Color Code Chart

Colors	Ordering Suffix	Colors	Ordering Suffix
Black	01	Green	06
White	02	Dk. Blue	07
Red	03	Brown	08
Orange	04	Gray	10
Yellow	05	Violet	19

CAROL Multi-Conductor, Plenum, and Test Lead Cable



(1) NEC Article 725, Type CL2
NEC Article 800, Type CM

(2) NEC Article 725, Type CL2

COMMUNICATION AND CONTROL CABLE

Multi-Conductor Shielded

(1) (2) NEC

	MOUSER STOCK NO.	Fig.	No. of Cond.	Conductor		% Shield Type	Nominal OD (In.)	Spool Feet	Spool Price	
				AWG	Strand				1	5
(2)	515-2538-12	B	2	14	(19 x 27)	100% alum. foil	.350	100	72.90	63.76
(2)	515-2536-12	B	2	16	(19 x 29)	100% alum. foil	.310	100	48.00	42.00
(1)	515-2534-12	B	2	18	(16 x 30)	100% alum. foil	.235	100	22.30	19.51
	515-2534-21	B	2	18	(16 x 30)	100% alum. foil	.235	1000	228.53	132.96
(1)	515-2892-12	A	2	18	(16 x 30)	85% tin Cu spiral	.240	100	39.10	34.21
(1)	515-2888-12	A	2	20	(10 x 30)	85% tin Cu spiral	.210	100	30.30	26.54
	515-1302-12	D	2	20	(26 x 34)	80% tin Cu braid	.270	100	73.70	64.49
(1)	515-2514-12	B	2	22	(7 x 30)	100% alum. foil	.181	100	20.90	18.29
	515-2514-21	B	2	22	(7 x 30)	100% alum. foil	.181	1000	172.76	100.51
(1)	515-2882-12	A	2	22	(7 x 30)	85% tin Cu spiral	.195	100	25.60	22.34
(2)	515-2537-12	B	3	16	(19 x 29)	100% alum. foil	.325	100	62.40	54.60
(1)	515-2687-12	A	3	18	(16 x 30)	75% tin Cu braid	.270	100	90.10	78.88
(1)	515-2526-12	B	3	22	(7 x 30)	100% alum. foil	.196	100	22.30	19.15
(1)	515-2526-18	B	3	22	(7 x 30)	100% alum. foil	.196	500	92.90	88.14
(1)	515-2526-21	B	3	22	(7 x 30)	100% alum. foil	.196	1000	185.70	124.80
(1)	515-2678-12	A	3	22	(7 x 30)	75% tin Cu braid	.220	100	36.30	31.79
(1)	515-2523-12	B	4	22	(7 x 30)	100% alum. foil	.206	100	58.30	51.01
(1)	515-0742-12	C	4	24	(7 x 32)	100% alum. foil	.185	100	25.40	22.20
	515-0742-21	C	4	24	(7 x 32)	100% alum. foil	.185	1000	208.78	121.47
	515-0601-12	C	2 pair	24	(7 x 32)	100% alum. foil	.215	100	24.30	21.29
(1)	515-0603-12	C	4 pair	24	(7 x 32)	100% alum. foil	.245	100	39.40	30.45
	515-0603-21	C	4 pair	24	(7 x 32)	100% alum. foil	.245	1000	325.44	189.34
	515-0748-12	C	25	24	(7 x 32)	100% alum. foil	.345	100	124.10	108.59
	515-0305-12	D	27	24	(7 x 32)	85% tin Cu braid	.426	100	190.60	166.74

Multi-Paired Individually Shielded

- Each pair has its own drain wire

	MOUSER STOCK NO.	Fig.	No. of Cond.	Conductor		% Shield Type	Nominal OD (In.)	Spool Feet	Spool Price	
				AWG	Strand				1	5
(1)	515-1352-12	D	2 pair	22	(7 x 30)	100% alum. foil	.190	100	27.30	23.86
(1)	515-1353-18	D	2 pair	22	(7 x 30)	100% alum. foil	.206	500	192.90	183.86
	515-0910-12	E	2 pair	24	(7 x 32)	100% alum. foil	.335	100	55.70	48.74
(2)	515-6047-12	E	3 pair	18	(16 x 30)	100% alum. foil	.400	100	89.70	78.46
(1)	515-6040-12	E	3 pair	22	(7 x 30)	100% alum. foil	.295	100	67.00	58.65
(1)	515-6040-18	E	3 pair	22	(7 x 30)	100% alum. foil	.295	500	279.29	265.10
(1)	515-6040-21	E	3 pair	22	(7 x 30)	100% alum. foil	.295	1000	558.57	375.36
	515-0911-12	E	3 pair	24	(7 x 32)	100% alum. foil	.345	100	67.90	59.41
	515-0912-12	E	4 pair	24	(7 x 32)	100% alum. foil	.404	100	94.90	82.95
(1)	515-6041-12	E	6 pair	22	(7 x 30)	100% alum. foil	.375	100	96.90	84.76
	515-0991-12	E	3 pair	22	(7 x 30)	100% alum. foil	.390	100	159.10	139.21

PLENUM COMPUTER AND CONTROL CABLE

Applications:

- Power limited circuits
- Computer systems
- Intercoms
- Burglar alarms
- Low voltage application
- 1000 ft. spools

Multi-Conductor Shielded

UL OSHA

MOUSER STOCK NO.	Fig.	No. of Cond.	Conductor		% Shield Type	Nominal OD (In.)	Spool Price	
			AWG	Strand			1	5
515-9154-21	C	4	22	(7 x 30)	100% foil	.126	199.50	193.70

Multi-Paired Individually Shielded

UL OSHA

MOUSER STOCK NO.	Fig.	No. of Pairs	Conductor		% Shield Type	Nominal OD (In.)	Spool Price	
			AWG	Strand			1	5
515-8572-41	B	2	22	(7 x 30)	100% foil with tin Cu drain wire	.145	308.16	288.90

Multi-Paired Unshielded

NEC Article 800-(3b(b)
Article 725 CL2

UL OSHA

515-8312-21	E	2	24	Solid	Unshielded	.121	80.80	75.75
515-8313-21	E	3	24	Solid	Unshielded	.129	96.96	90.90

FIRE PROTECTIVE SIGNAL CABLES

Shielded

UL OSHA

MOUSER STOCK NO.	Fig.	No. of Cond.	Conductor		% Shield Type	Nominal OD (In.)	Spool Price	
			AWG	Strand			1	5
515-9582-21	C	2	18	Solid	100% foil with 25% overlap Stranded w/ tinned Cu drain wire	.085 x .145	186.50	177.18
515-9584-21	C	4	18	Solid		.170	325.90	309.61

Unshielded

- 1000 ft. spools
- Red floropolymer jacket

UL OSHA

515-9602-21	E	2	18	Solid	Unshielded	.082 x 1.42	158.88	148.95
515-9604-21	E	4	18	Solid	Unshielded	.166	232.00	228.50

RG59 PLENUM CABLE

- 75Ω Impedance

NEC Article 800-(3b(b)
Article 725 CL2

UL OSHA

MOUSER STOCK NO.	Fig.	Conductor		% Shield Type	Spool Feet	Spool Price	
		AWG	Strand			1	5
515-1141-21	F	20	Solid	90% Cu braid	1000	396.32	371.55

RUBBER INSULATED TEST LEAD WIRE

Features:

- Premium grade color coded rubber
- Super flexible stranded tinned annealed copper conductor
- Temperature range: -20°C to +60°C

MOUSER STOCK NO.	Conductor		Color	Working Voltage	Spool Feet	Spool Price	
	AWG	Strand				1	5
515-1326-12-03	20	(41 x 36)	Red	1,500	100	22.70	19.83
515-1326-15-03	20	(41 x 36)	Red	1,500	250	53.91	49.40
515-1326-12-01	20	(41 x 36)	Black	1,500	100	22.70	19.83
515-1326-15-01	20	(41 x 36)	Black	1,500	250	53.91	49.40
515-1326-18-03	20	(41 x 36)	Red	1,500	500	94.40	89.63
515-1326-18-01	20	(41 x 36)	Black	1,500	500	94.40	89.63
515-1319-12-03	20	(41 x 36)	Red	3,000	100	24.00	21.00
515-1319-12-01	20	(41 x 36)	Black	3,000	100	24.00	21.00
515-1319-21-03	20	(41 x 36)	Red	3,000	1000	199.90	189.70
515-1319-21-01	20	(41 x 36)	Black	3,000	1000	199.90	189.70

MOUSER STOCK NO.	Conductor		Color	Working Voltage	Spool Feet	Spool Price	
	AWG	Strand				1	5
515-1321-12-03	18	(65 x 36)	Red	5,000	100	21.10	18.46
515-1321-15-03	18	(65 x 36)	Red	5,000	250	50.11	46.10
515-1321-12-01	18	(65 x 36)	Black	5,000	100	21.10	18.46
515-1321-15-01	18	(65 x 36)	Black	5,000	250	50.11	46.10
515-1321-18-03	18	(65 x 36)	Red	5,000	500	87.90	83.39
515-1321-21-03	18	(65 x 36)	Red	5,000	1000	175.70	118.08
515-1321-18-01	18	(65 x 36)	Black	5,000	500	87.90	83.39
515-1321-21-01	18	(65 x 36)	Black	5,000	1000	175.70	118.08
515-1318-12-03	18	(65 x 36)	Red	10,000	100	32.60	28.50
515-1318-12-01	18	(65 x 36)	Black	10,000	100	32.60	28.50

PVC INSULATED TEST LEAD WIRE

Features:

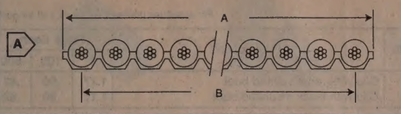
- Premium grade color coded FLEXLIFE© PVC
- Super flexible stranded tinned annealed copper conductor
- Temperature range: -20°C to +60°C

MOUSER STOCK NO.	Conductor		Color	Working Voltage	Spool Feet	Spool Price	
	AWG	Strand				1	5
515-1320-15-03	18	(65 x 36)	Red	5,000	250	41.05	39.41
515-1320-21-03	18	(65 x 36)	Red	5,000	1000	109.00	83.54
515-1320-15-01	18	(65 x 36)	Black	5,000	250	41.05	39.41

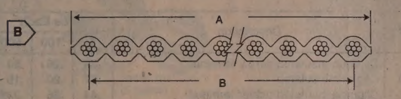
IDC Flat Cable and Cable Clamps

(Insulation Displacement Connector Cable)

DIMENSIONS (IN.)



DIMENSIONS (IN.)



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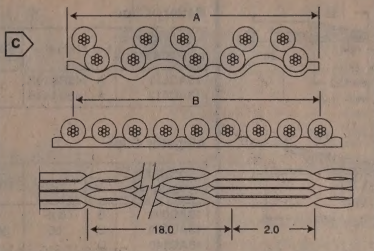
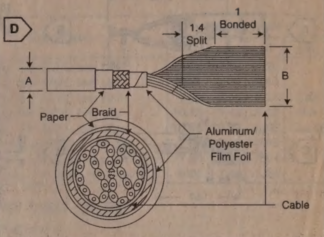


DIMENSIONS (IN.)



3M SCOTCHFLEX™ IDC FLAT CABLE AND ROUND CABLE

E42769

Common Specifications:

- Insulation: polyvinylchloride (PVC)
- Conductors: 28AWG 7 x 36 tinned stranded copper
- Center spacing: .050"
- Flammability rating: UL VW-1

Gray Flat Cable (For Economy)

- Voltage rating: 300V
- Temperature rating: -20°C to +105°C

MOUSER STOCK NO.	Fig.	No. of Conductors	Dimensions (In.)		Price Per 100' Spool			
			A	B	1	5	10	25
517-3365/9	A	9	.450	.400	20.52	15.39	14.88	Call For Quote
517-3365/10	A	10	.500	.450	22.79	17.09	16.52	
517-3365/14	A	14	.700	.650	31.88	23.91	23.13	
517-3365/16	A	16	.800	.750	36.42	27.32	26.40	
517-3365/20	A	20	1.000	.950	45.55	34.17	33.03	
517-3365/25	A	25	1.250	1.200	56.94	42.70	41.28	
517-3365/26	A	26	1.300	1.250	59.21	44.40	42.92	
517-3365/34	A	34	1.700	1.650	77.41	58.07	56.13	
517-3365/37	A	37	1.850	1.800	84.26	63.20	61.09	
517-3365/40	A	40	2.000	1.950	91.09	68.31	66.03	
517-3365/50	A	50	2.500	2.450	113.85	85.40	82.55	
517-3365/60	A	60	3.000	2.950	136.62	102.47	99.05	

Color Coded Flat Cable (For Easier Wire Identification)

- Voltage rating: 300V
- Temperature rating: -20°C to +80°C

517-3302/9	B	9	.450	.400	31.71	23.78	22.98	Call For Quote
517-3302/10	B	10	.500	.450	35.25	26.45	25.56	
517-3302/14	B	14	.700	.650	49.36	37.02	35.79	
517-3302/16	B	16	.800	.750	56.42	42.32	40.90	
517-3302/20	B	20	1.000	.950	70.50	52.88	51.11	
517-3302/25	B	25	1.250	1.200	88.13	66.09	63.89	
517-3302/26	B	26	1.300	1.250	91.65	68.73	66.44	
517-3302/34	B	34	1.700	1.650	119.82	89.87	86.87	
517-3302/37	B	37	1.850	1.800	130.42	97.82	94.55	
517-3302/40	B	40	2.000	1.950	140.98	105.74	102.08	
517-3302/50	B	50	2.500	1.450	176.23	132.18	127.77	
517-3302/60	B	60	3.000	2.950	211.49	158.61	153.32	

Twisted Pair Flat Cable (For Reduced Crosstalk)

- Voltage rating: 300V
- Temperature rating: -20°C to +80°C

MOUSER STOCK NO.	Fig.	No. of Conductors	Dimensions (In.)		Price Per 100' Spool			
			A	B	1	5	10	25
517-1700/10	C	10	.500	.450	40.18	30.14	29.13	Call For Quote
517-1700/14	C	14	.700	.650	56.25	42.18	40.77	
517-1700/16	C	16	.800	.750	64.28	48.21	46.60	
517-1700/20	C	20	1.000	.950	80.35	60.27	58.26	
517-1700/26	C	26	1.300	1.250	104.46	113.60	75.73	
517-1700/34	C	34	1.700	1.650	136.60	102.45	99.04	
517-1700/36	C	36	1.800	1.750	144.63	108.48	104.86	
517-1700/40	C	40	2.000	1.950	160.70	120.52	116.51	
517-1700/50	C	50	2.500	2.450	200.88	150.66	145.64	
517-1700/60	C	60	3.000	2.950	241.06	180.80	174.76	
517-1700-64	C	64	3.200	3.150	257.13	192.84	186.42	

Round Jacketed/Shielded Flat Cable (For EMI/ESD Protection)

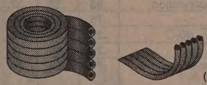
- Voltage rating: 150V
- Temperature rating: -20°C to +80°C

MOUSER STOCK NO.	Fig.	No. of Conductors	Dimensions (In.)		Price Per 100' Spool			
			A	B	1	5	10	25
517-3659/9	D	9	.250	.400	109.23	81.93	79.20	Call For Quote
517-3659/10	D	10	.250	.450	114.35	85.77	82.91	
517-3659/15	D	15	.290	.700	129.25	96.95	93.71	
517-3659/20	D	20	.300	.950	139.17	104.37	100.89	
517-3659/25	D	25	.350	1.200	153.81	115.37	111.52	
517-3659/26	D	26	.350	1.250	159.06	119.30	115.32	
517-3659/34	D	34	.390	1.650	178.96	134.21	129.73	
517-3659/37	D	37	.410	1.800	188.89	142.43	136.95	
517-3659/40	D	40	.410	1.950	193.86	145.40	140.55	
517-3659/50	D	50	.500	2.450	223.69	167.78	162.18	

IDC FLAT CABLE

Features:

- Available by the foot or in 50' or 100' dispenser box (except 96 conductor is not available in 100')
- Conductor size: 28 AWG
- Gray color
- Edge polarizing stripe
- Conductor material: 7/36 stranded copper wire, tin plated
- Insulation: 300V 105°C PVC (polyvinylchloride)
- Voltage rating: 300V (150V for 96 conductor)
- Conductor spacing: .050"



No. E82373
(Except 96 Conductor)

For quantities greater than listed, call for quote.

Cable Sold by the Foot

MOUSER STOCK NO.	No. of Cond.	Price Per Foot			
		1	5	10	25
172-1400FT	14	.33	.29	.26	.25
172-1600FT	16	.39	.34	.30	.28
172-2000FT	20	.45	.40	.35	.34
172-2400FT	24	.54	.48	.42	.41
172-2500FT	25	.55	.49	.43	.42
172-2600FT	26	.55	.49	.43	.42
172-3400FT	34	.76	.67	.59	.57
172-3600FT	36	.79	.70	.62	.61
172-5000FT	50	1.05	.93	.83	.80
172-6400FT	64	1.26	1.12	1.00	.97
172-9600FT	96	13.61	12.15	10.84	10.54

50 Ft. Spools

MOUSER STOCK NO.	No. of Cond.	Spool Price	
		1	5
172-2401	24	19.10	17.53
172-2501	25	19.68	18.11
172-2601	26	19.85	18.27
172-3401	34	26.95	24.80
172-3601	36	28.70	26.41
172-5001	50	38.08	35.03
172-6401	64	46.18	42.49
172-9601	96	501.68	461.55

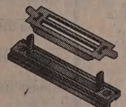
100 Ft. Spools

MOUSER STOCK NO.	No. of Cond.	Spool Price	
		1	5
172-1402	14	21.88	20.13
172-1602	16	23.38	21.51
172-2002	20	29.28	26.93
172-2402	24	35.50	32.66
172-2502	25	36.33	33.42
172-2602	26	38.25	35.19
172-3402	34	44.33	40.78
172-3602	36	46.40	42.69
172-5002	50	64.90	59.71
172-6402	64	81.93	75.38

IDC FLAT CABLE CLAMPS

Features:

- Solves flat cable routing problems
- Allows stacking of up to 8 cables
- Can be mounted with bolts, rivets, or adhesive pads
- Locks securely



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Conductors	Price Per Foot		
		1	100	500
172-W7700A	Up to 26	.49	.40	.36
172-W7700B	Up to 40	.59	.46	.42
172-W7700C	Up to 64	.64	.53	.48

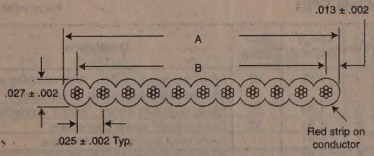
NANOFLEX HI-DENSITY CABLE

Mechanical Specifications:

- Conductor: 30AWG, 7/38
- Insulator: PVC gray

Electrical Specifications:

- Voltage rating: 30V
- Impedance: 75Ω
- Temperature rating: 105°C

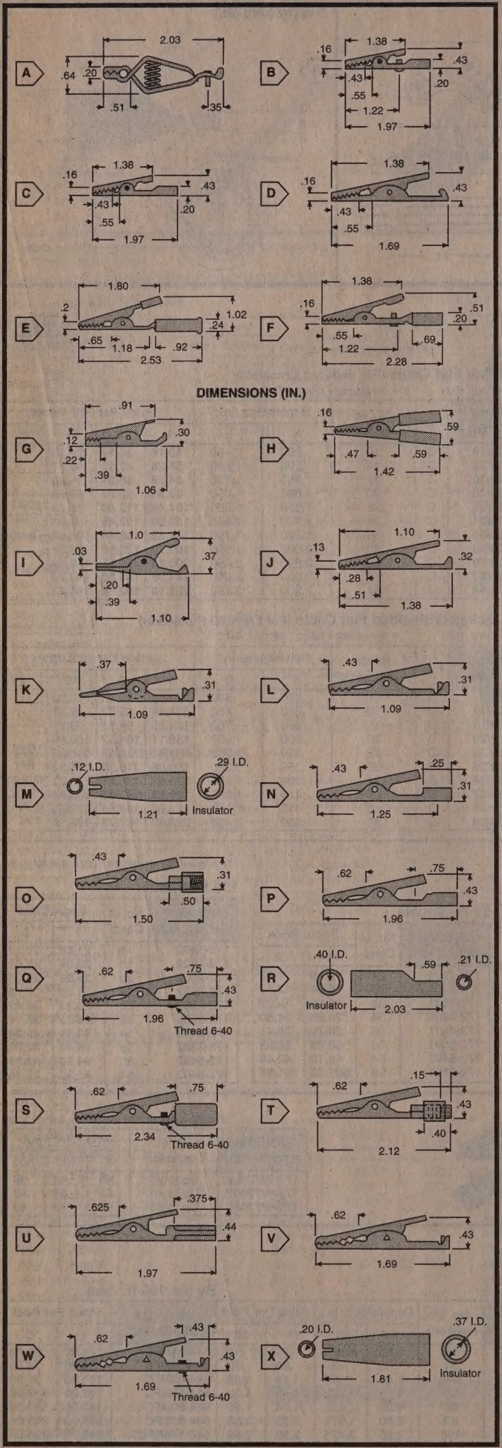


By the Foot

By the 100 ft. Reel

MOUSER STOCK NO.	No. of Positions	Dimensions (In.)		Price Per Foot		MOUSER STOCK NO.	Price Per Reel	
		A	B	1	25		1	5
544-26NFC/FT	26	.65	.625	.77	.70	544-26NFC	65.00	59.00
544-34NFC/FT	34	.85	.825	.99	.90	544-34NFC	84.00	76.00
544-40NFC/FT	40	1.00	.975	1.19	1.08	544-40NFC	100.00	91.00
544-50NFC/FT	50	1.25	1.225	1.46	1.33	544-50NFC	123.00	112.00
544-60NFC/FT	60	1.50	1.475	1.74	1.58	544-60NFC	146.00	133.00
544-80NFC/FT	80	2.00	1.975	2.80	2.55	544-80NFC	236.00	215.00
544-100NFC/FT	100	2.50	2.475	2.92	2.66	544-100NFC	246.00	224.00

Alligator Clips


DIMENSIONS (IN.)
A
2.03
.64
.20
.51
.35
B
1.38
.16
.43
.43
.20
.55
1.22
1.97
C
1.38
.16
.43
.43
.20
.55
1.97
D
1.38
.16
.43
.43
.55
1.69
E
1.80
.2
1.02
.24
.65
1.18
.92
2.53
F
1.38
.16
.51
.20
.55
1.22
.69
2.28
G
.91
.12
.30
.22
.39
1.06
H
.16
.59
.47
.59
1.42
I
1.0
.03
.37
.20
.39
1.10
J
1.10
.13
.32
.28
.51
1.38
K
.37
.31
1.09
L
.43
.31
1.09
M
.12 I.D.
.29 I.D.
1.21
Insulator
N
.43
.25
.31
1.25
O
.43
.31
.50
1.50
P
.62
.75
.43
1.96
Q
.62
.75
.43
1.96
Thread 6-40
R
.40 I.D.
.59
.21 I.D.
Insulator
2.03
S
.62
.75
2.34
Thread 6-40
T
.62
.15
.43
.40
2.12
U
.625
.375
.44
1.97
V
.62
.43
1.69
W
.62
.43
.43
1.69
Thread 6-40
X
.20 I.D.
.37 I.D.
1.81
Insulator

CLIPS

Battery Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mueller	Smith	Description	Price Each		
					1	100	500
13AC511	A	48R&49R	- - - -	Clip with red insulated boot	**1.17**	**.90**	**.82**
13AC512	A	48B&49B	- - - -	Clip with black insulated boot	**1.17**	**.90**	**.82**

Alligator Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mueller	Smith	Description	Price Each		
					1	100	500
13AC008	B	60S	- - - -	Clip/non-insulated screw terminal	**.39**	**.26**	**.24**
13AC009	C	60	300	Clip/non-insulated	**.31**	**.20**	**.19**
13AC140	D	- - - -	- - - -	Clip/non-insulated solder terminal	**.44**	**.26**	**.238**
13AC141	-	62R	331R	Red boot for clips above	**.18**	**.13**	**.105**
13AC142	-	62B	331B	Black boot for clips above	**.18**	**.13**	**.105**
13AC091	E	- - - -	- - - -	Clips w/red insulated sleeve & tab	**.64**	**.43**	**.39**
13AC092	E	- - - -	- - - -	Clips w/black insulated sleeve & tab	**.64**	**.43**	**.39**
13AC151	F	60HSR	351R	Clip w/red insulated sleeve	**.48**	**.40**	**.36**
13AC152	F	60HSB	351B	Clip w/black insulated sleeve	**.48**	**.40**	**.36**
13AC120	G	30	338	Test clip (non-insulated) solder term	**.25**	**.21**	**.19**
13AC121	-	32R	389R	Red insulating boot for 13AC120	**.14**	**.10**	**.09**
13AC122	-	32B	389B	Black insulated boot for 13AC120	**.14**	**.10**	**.09**
13AC123	-	32G	389G	Green insulated boot for 13AC120	**.14**	**.10**	**.09**
13AC124	-	32Y	389Y	Yellow insulated boot for 13AC120	**.14**	**.10**	**.09**
13AC161	H	- - - -	- - - -	Clip/red insulated. Tabs, solder term	**.63**	**.42**	**.38**
13AC162	H	- - - -	- - - -	Clip/black insulated. Tabs, solder term	**.63**	**.42**	**.38**
13AC170	I	34	- - - -	Test clip (non-insulated) solder term	**.36**	**.238**	**.216**
13AC171	-	36R	- - - -	Red insulated boot for 13AC170	**.38**	**.19**	**.173**
13AC172	-	36B	- - - -	Black insulated boot for 13AC170	**.38**	**.19**	**.173**
13AC130	J	- - - -	- - - -	Test clip (non-insulated) solder term	**.30**	**.23**	**.206**
13AC131	-	- - - -	- - - -	Red insulated boot for 13AC130	**.30**	**.23**	**.206**
13AC132	-	- - - -	- - - -	Black insulated boot for 13AC130	**.30**	**.23**	**.206**

MUELLER® CLIPS

30 Series Miniature Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (Inches)	Jaw Open	Description	Price Each		
					1	10	100
548-34	K	1.09	.22	Steel, cadmium plated, for #20 or smaller wire. Smooth jawed "microscopic tip"	**.60**	**.45**	**.36**
548-34-C	K	1.09	.22	Steel, copper plated, same as 548-34	**.63**	**.47**	**.38**
548-30	L	1.09	.19	Steel, cadmium plated, for #20 or smaller wire. Full meshing teeth	**.33**	**.24**	**.20**
548-30-C	L	1.09	- - - -	Solid copper, same as #30	**.43**	**.32**	**.26**
548-32-B	M	1.21	- - - -	Black vinyl insulator for #30 and #30C	**.20**	**.15**	**.12**
548-32-R	M	1.21	- - - -	Red vinyl insulator for #30 and #30C	**.20**	**.15**	**.12**
548-30-BL	N	1.25	.19	Steel, cadmium plated, solder/crimp	**.33**	**.24**	**.20**
548-30-TBO	O	1.50	.19	Steel, cadmium plated, w/6-32 thread barrel	**.65**	**.49**	**.39**

60 Series Alligator Clips

For quantities greater than listed, call for quote.

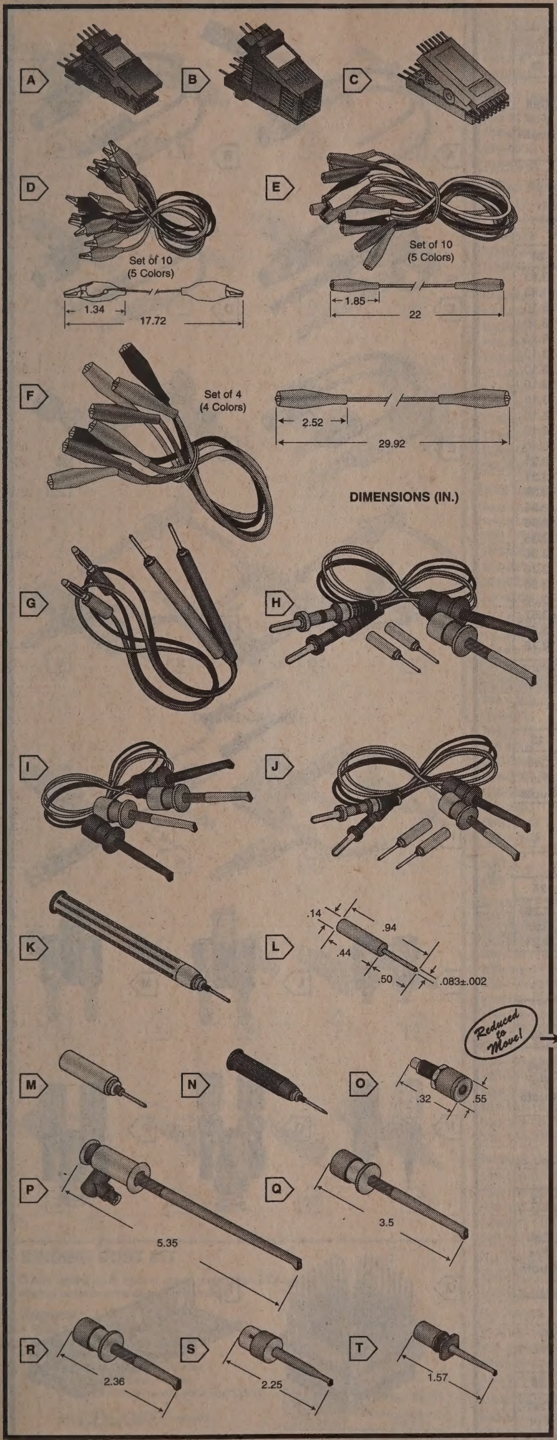
MOUSER STOCK NO.	Fig.	Length (Inches)	Jaw Open	Description	Price Each		
					1	10	100
548-60	P	1.96	.32	Steel, cadmium plated, solder or stake. Barrel construction for banana plug	**.40**	**.30**	**.24**
548-60-S	Q	1.96	.32	Steel, cadmium plated, screw connection	**.53**	**.39**	**.32**
548-60-CS	Q	1.96	.32	Solid copper, screw connection	**.75**	**.56**	**.45**
548-62-B	R	2.03	- - - -	Black vinyl insulator for 60, 60-S, 60-C	**.20**	**.15**	**.12**
548-62-R	R	2.03	- - - -	Red vinyl insulator for 60, 60-S, 60-C	**.20**	**.15**	**.12**
548-60-HSB	S	2.34	.32	Black insulated barrel and screw connection, steel, cadmium plated	**.70**	**.53**	**.42**
548-60-HSR	S	2.34	.32	Red insulated barrel and screw connection, steel, cadmium plated	**.70**	**.53**	**.42**
548-60-CHSB	S	2.34	.32	Black insulated barrel and screw connections, solid copper	**.93**	**.70**	**.56**
548-60-CHSR	S	2.34	.32	Red insulated barrel and screw connections, solid copper	**.93**	**.70**	**.56**
548-60-TBO	T	2.12	.32	Steel, cadmium plated, resistance welded, 8/32 threaded steel barrel	**.83**	**.62**	**.50**
548-60-PR2	U	2.23	.32	Steel, cadmium plated. Barrel formed for phone or test tip. Barrel ID is .080 inches	**.63**	**.47**	**.38**

70 Series Alligator Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (Inches)	Jaw Open	Description	Price Each		
					1	10	100
548-70	V	1.69	.32	Steel, cadmium plated. Wire crimping ears. Can be soldered, staked or crimped	**.55**	**.41**	**.33**
548-70-S	W	1.69	.32	Steel, cadmium plated. Screw connection	**.58**	**.43**	**.35**
548-70-CS	W	1.69	.32	Solid copper, screw connection	**.73**	**.55**	**.44**
548-72-B	X	1.81	- - - -	Black vinyl insulator for 70 series	**.35**	**.26**	**.21**
548-72-R	X	1.81	- - - -	Red vinyl insulator for 70 series	**.35**	**.26**	**.21**

Test Clips, Leads, Tip Plugs, and Jacks



Reduced to Move!

3M SOIC SURFACE MOUNT TEST CLIPS

- Allows testing of .050" center devices
- UL 94V-0

MOUSER STOCK NO.	Fig.	No. of Pins	Description	Price Each			
				1	5	10	25
517-923660161	A	16	Wide grip .44" SOIC test clip	8.05	7.49	7.25	Call For Quote
517-923660181	A	18	Wide grip .49" SOIC test clip	9.00	8.37	8.10	
517-923660201	A	20	Wide grip .54" SOIC test clip	9.15	8.51	8.24	
517-923660241	A	24	Wide grip .64" SOIC test clip	10.13	9.42	9.12	
517-923660281	A	28	Wide grip .72" SOIC test clip	10.95	10.18	9.86	
517-923650081	A	8	Narrow grip .42" SOIC test clip	7.05	6.56	6.35	
517-923650141	A	14	Narrow grip .39" SOIC test clip	7.60	7.07	6.84	
517-923650161	A	16	Narrow grip .44" SOIC test clip	8.05	7.49	7.25	

3M PLCC SURFACE MOUNT TEST CLIPS

- Probe access points readily visible for fast and safe testing
- Allows testing of .050" center devices

MOUSER STOCK NO.	Fig.	No. of Pins	Description	Price Each			
				1	5	10	25
517-923670201	B	20	Plastic leaded chip carrier test clip	22.45	20.88	20.21	Call For Quote
517-923670281	B	28	Plastic leaded chip carrier test clip	35.96	33.44	32.36	
517-923670441	B	44	Plastic leaded chip carrier test clip	30.95	28.78	27.86	
517-923670681	B	68	Plastic leaded chip carrier test clip	35.96	33.44	32.36	

(DIP) DUAL-IN-LINE PACKAGE

- Designed for testing dual-in-line IC's on PC boards
- Anti-shorting design

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	25
383-R14	C	14 pin DIP IC test clip	3.95	Call For Quote
13IC416	C	16 pin DIP IC test clip	8.85	
383-R16	C	16 pin DIP IC test clip	4.50	
383-R24	C	24 pin DIP IC test clip	6.95	
383-R40	C	40 pin DIP IC test clip	10.95	

JUMPER TEST LEADS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Description	Price Each	
				1	10
13AC010	D	18	Miniature test leads, set of 10, 5 colors	8.22	6.85
13AC012	E	22	Standard test leads, set of 10, 5 colors	9.96	8.30
13TC900	F	30	Heavy duty test leads, set of 4, 4 colors	6.71	5.59

TEST LEADS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Description	Price Each	
				1	10
13PN071	G	40	Test prod to banana plug	5.27	4.39
13PN086	H	48	3 1/2" IC test clip to banana plug, set of 2	11.64	9.70
13TC081	I	24	IC test clip to IC test clip, set of 2	11.21	9.34
13TC084	J	48	2 1/4" IC test clip to banana plug with plug test tip adaptor	10.46	8.72

TIP PLUGS AND TEST PRODS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
17PR121	K	Test prod, solder, red plastic handle	1.08	.81	.74
17PR122	K	Test prod, solder, black plastic handle	1.08	.81	.74
534-1600	L	Tip plug, uninsulated	.10	.09	.072
171-0111	M	Pin plug, solder, red plastic handle	.67	.45	.41
171-0112	M	Pin plug, solder, black plastic handle	.67	.45	.41
17PR011	N	Pin plug, solder, black plastic handle	.73	.49	.45

HI-REL TIP JACKS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
164-401R	O	Tip jack with insulating cap, red	.60	.40	.37
164-401B	O	Tip jack with insulating cap, black	.60	.40	.37

IC TEST CLIPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	Price Each	
				1	10
13IC321	P	Red	Test clips with banana jack	5.13	4.27
13IC322	P	Black	Test clips with banana jack	5.13	4.27
13IC331	Q	Red	Test clip with quick disconnect	1.87	1.56
13IC332	Q	Black	Test clip with quick disconnect	1.87	1.56
13IC305	R	Red	Ideal for testing miniature and subminiature equipment, do-it-yourself test clips provide ability to build your own leads	1.58	1.32
13IC306	R	Black		1.58	1.32
13IC301	S	Red		1.58	1.32
13IC302	S	Black		1.58	1.32
13IC307	T	Red	Subminiature test clips are useful for making rapid and reliable tests. Small size allows many test points at once, without clutter	1.35	1.13
13IC308	T	Black		1.35	1.13
13IC309	T	Blue		1.35	1.13
13IC310	T	Green		1.35	1.13
13IC311	T	Yellow		1.35	1.13

ITT Pomona Test Clips and Accessories

MOLDED BREAKOUTS

MOUSER STOCK NO.	Fig.	Description	Wire AWG	Price Each 1	12	24	48
565-4969	A	BNC female to 20AWG leads	20	5.57	5.22	5.05	Call For Quote
565-2631	B	BNC female to mini alligator clips	20	8.54	8.01	7.74	
565-3788	C	BNC female to Minigrabber® test clips	20	8.21	7.70	7.44	
565-3221	D	BNC female to stacking pin tip plugs	20	9.17	8.60	8.31	
565-3073	E	BNC female to stacking banana plugs	18	7.87	7.38	7.13	

TEST LEADS

- Current rating: 5 amp

MOUSER STOCK NO.	Fig.	Description	Color	Lngth (In.)	Price Each 1	12	24
565-4723-0	F	Minigrabber® test clip with banana jack	Black	-	4.22	3.96	3.83
565-4723-2	F	Minigrabber® test clip with banana jack	Red	-	4.22	3.96	3.83
565-3781-12-0	G	Minigrabber® test clip each end	Black	12	3.42	3.21	3.10
565-3781-12-2	G	Minigrabber® test clip each end	Red	12	3.42	3.21	3.10
565-3781-24-0	G	Minigrabber® test clip each end	Black	24	3.42	3.21	3.10
565-3781-24-2	G	Minigrabber® test clip each end	Red	24	3.42	3.21	3.10
565-3781-36-0	G	Minigrabber® test clip each end	Black	36	3.42	3.21	3.10
565-3781-36-2	G	Minigrabber® test clip each end	Red	36	3.42	3.21	3.10
565-3782-24-0	H	Minigrabber® test clip to stacking ban. plug	Black	24	3.42	3.21	3.10
565-3782-24-2	H	Minigrabber® test clip to stacking ban. plug	Red	24	3.42	3.21	3.10
565-3782-36-0	H	Minigrabber® test clip to stacking ban. plug	Black	36	3.42	3.21	3.10
565-3782-36-2	H	Minigrabber® test clip to stacking ban. plug	Red	36	3.42	3.21	3.10
565-3782-48-0	H	Minigrabber® test clip to stacking ban. plug	Black	48	3.65	3.42	3.31
565-3782-48-2	H	Minigrabber® test clip to stacking ban. plug	Red	48	3.65	3.42	3.31
565-B12-0	I	Stacking standard banana plug each end	Black	12	3.71	3.48	3.36
565-B12-2	I	Stacking standard banana plug each end	Red	12	3.71	3.48	3.36
565-B18-0	I	Stacking standard banana plug each end	Black	18	3.71	3.48	3.36
565-B18-2	I	Stacking standard banana plug each end	Red	18	3.71	3.48	3.36
565-B24-0	I	Stacking standard banana plug each end	Black	24	3.71	3.48	3.36
565-B24-2	I	Stacking standard banana plug each end	Red	24	3.71	3.48	3.36
565-B36-0	I	Stacking standard banana plug each end	Black	36	3.71	3.48	3.36
565-B36-2	I	Stacking standard banana plug each end	Red	36	3.71	3.48	3.36
565-B48-0	I	Stacking standard banana plug each end	Black	48	3.94	3.69	3.57
565-B48-2	I	Stacking standard banana plug each end	Red	48	3.94	3.69	3.57
565-5187-C-36	J	Minigrabber® test clips to BNC male	Red/black	36	14.06	13.19	12.75

MINIGRABBER® TEST CLIP PATCH CORD KIT

MOUSER STOCK NO.	Fig.	Description	Price Each 1	3	6	12
565-5523	G	**Kit contains:** 10 pcs. of Mouser Stock No. 565-3781-24. One each of black, brown, red, orange, yellow, green, blue, violet, gray, and white	30.86	28.94	27.97	Call For Quote

DOUBLE BANANA CONNECTORS

MOUSER STOCK NO.	Fig.	Description	Insulation	Price Each 1	12	24
565-2269-0	K	Double banana jack	Polycarbonate, black	2.53	2.37	2.29
565-1269	L	BNC female to double banana plug	ABS, black	5.79	5.43	5.25
565-1270	M	BNC male to double banana plug	ABS, black	9.06	8.49	8.21

DOUBLE BINDING POSTS

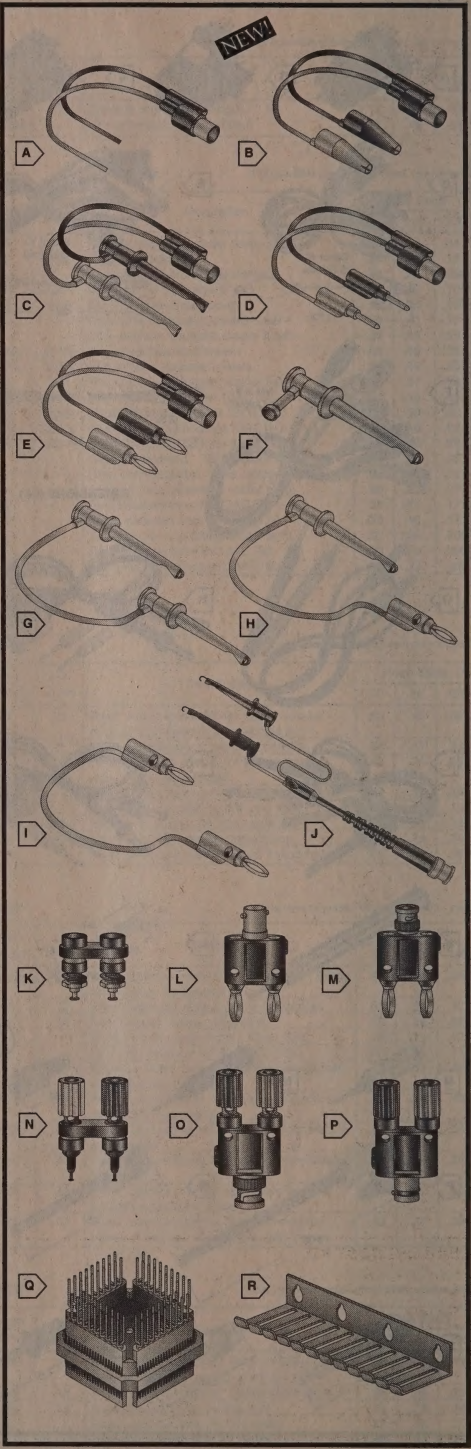
MOUSER STOCK NO.	Fig.	Description	Mounting Base	Price Each 1	12	24	48
565-4243-0	N	Red and black posts	Black	4.83	4.53	4.38	Call For Quote
565-4243-2	N	Red and black posts	Red	4.83	4.53	4.38	
565-1296	O	Red and black posts to BNC male	Black	10.80	10.13	9.79	
565-1452	P	Red and black posts to BNC female	Black	9.06	8.49	8.21	

PLCC SURFACE MOUNT TEST ADAPTORS

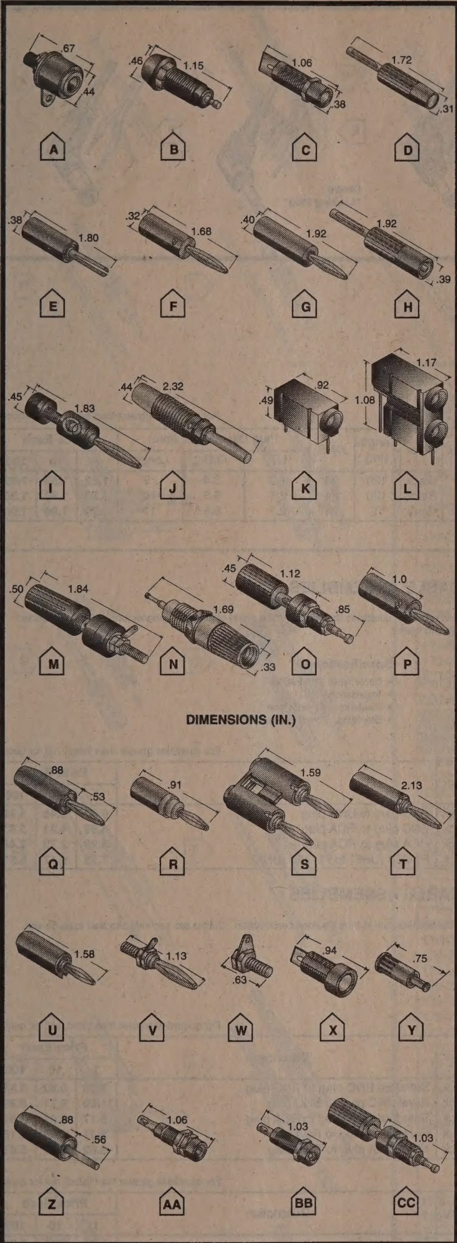
MOUSER STOCK NO.	Fig.	Description	No. of Pins	Price Each 1	3	6	12
565-5280	Q	PLCC Quad Clip® test adaptor	28	33.68	31.58	30.52	Call For Quote
565-5733	Q	PLCC Quad Clip® test adaptor	32	35.38	33.17	32.06	
565-5281	Q	PLCC Quad Clip® test adaptor	44	39.60	37.13	35.89	
565-5312	Q	PLCC Quad Clip® test adaptor	52	45.94	43.07	41.63	
565-5401	Q	PLCC Quad Clip® test adaptor	68	52.27	49.00	47.37	

TEST LEAD HOLDERS

MOUSER STOCK NO.	Fig.	Description	Color	Max. Cable dia. (In.)	Price Each 1	12	24	48
565-1508	R	Test lead holder	Orange	.210	5.57	5.22	5.05	Call For Quote
565-2708	R	Test lead holder	Blue	.450	5.57	5.22	5.05	
565-4408	R	Test lead holder	Black	.320	5.57	5.22	5.05	

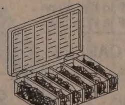


Banana, Tip Plugs/Jacks, and Binding Posts



DIMENSIONS (IN.)

BINDING POST KIT



Quality binding posts made of sturdy acetal polymers in six different colors to enhance your next project.

Features:

- Rated 1000VRMS, 30A
- Accepts standard banana plugs
- Horizontal shaft in post accepts pin plugs, as well as up to 12 AWG wire
- Colors: 10 each of black and red
  5 each of blue, green, white, and yellow

Six **COLORS** Available

MOUSER STOCK NO.	Price Each
370-164-1	49.95

Standard Banana Jacks

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
16BJ381	A	Banana, chassis mount, red	.77	.55	.50	Call
16BJ382	A	Banana, chassis mount, black	.77	.55	.50	

Hi-Rel Banana Jacks

• Positive action connection

MOUSER STOCK NO.	Fig.	Description	1	10	100	500
164-6216	B	Banana jack, black	.63	.49	.45	Call
164-6217	B	Banana jack, red	.63	.49	.45	For
164-405R	C	Banana jack, red	.83	.64	.59	Quote
164-405B	C	Banana jack, black	.83	.64	.59	

Hi-Rel Banana Plugs

These high reliability banana plugs fit all standard banana jacks and are interchangeable with all standard banana plugs. These plugs are available in a variety of styles and sizes to meet all kinds of industrial, OEM, and consumer applications.

MOUSER STOCK NO.	Fig.	Description	1	10	100	500
17HR549	D	Red plastic insulator, mates with 164-6217	.69	.53	.48	Call
17HR550	D	Black plastic insulator, mates with 164-6216	.69	.53	.48	For
17HR556	D	Clear plastic, fused banana plug accepts midget fuses	1.31	1.05	1.98	Quote
		(5mm x 20mm) mates with 164-6216 or 6217				
174-444R	E	Insulated slotted plug, red	.68	.46	.42	
174-444B	E	Insulated slotted plug, black	.68	.46	.42	
174-446R	F	Riveted spring w/screw plug, red	.53	.35	.32	Call
174-446B	F	Riveted spring w/screw plug, black	.53	.35	.32	For
174-448R	G	Insulated, soft spring plug, red	.70	.47	.43	Quote
174-448B	G	Insulated, soft spring plug, black	.70	.47	.43	
174-5791	H	4mm nickel plated, accepts up to 7.1mm cable diameter, black	1.15	1.05	.96	
174-5795	H	4mm nickel plated, accepts up to 7.1mm cable diameter, red	1.15	1.05	.96	
174-5761	I	4mm gold plated, accepts up to 7.5mm cable diameter, black	4.95	4.49	4.08	Call
174-5765	I	4mm gold plated, accepts up to 7.5mm cable diameter,red	4.95	4.49	4.08	For
174-449R	J	Inserted spring with .16" hole plug, red	1.24	.95	.87	Quote
174-449B	J	Inserted spring with .16" hole plug, black	1.24	.95	.87	

PCB Insulated Banana Plug Sockets

These new sockets mount directly onto printed circuit boards and accept standard banana plugs. They incorporate alignment grooves in the outer housing which allows close mounting. A double height socket permits two test or feed points to be mounted to a PCB. Both single and double sockets are constructed of durable acetal plastic and are rated at 10 amps. Available in red or black.

MOUSER STOCK NO.	Fig.	Description	1	10	100	500
164-6218	K	Single printed circuit board socket, black	1.19	.90	.83	Call
164-6219	K	Single printed circuit board socket, red	1.19	.90	.83	For
164-6220	L	Double printed circuit board socket, black	1.49	1.25	1.14	Quote
164-6221	L	Double printed circuit board socket, red	1.49	1.25	1.14	

Insulated Binding Posts

This binding post is molded of rigid acetal plastic and is available in six colors. Accepts standard banana plugs. Threaded termination complete with two nickel plated nuts and a solder terminal.

MOUSER STOCK NO.	Fig.	Description	Rated (V)	(A)	Price Each 1	10	100	500
164-4201	M	Insulated hi-rel binding post, black	1000	30	1.29	1.12	1.08	Call
164-4205	M	Insulated hi-rel binding post, red	1000	30	1.29	1.12	1.08	For
164-4202	M	Insulated hi-rel binding post, blue	1000	30	1.29	1.12	1.08	Quote
164-4204	M	Insulated hi-rel binding post, green	1000	30	1.29	1.12	1.08	
164-4206	M	Insulated hi-rel binding post, white	1000	30	1.29	1.12	1.08	
164-4207	M	Insulated hi-rel binding post, yellow	1000	30	1.29	1.12	1.08	
164-3201	N	Insulated hi-rel binding post, black	125	10	1.17	.98	.89	Call
164-3205	N	Insulated hi-rel binding post, red	125	10	1.17	.98	.89	For
164-11102	O	Insulated hi-rel binding post, red	125	10	1.50	1.27	1.15	Quote
164-11103	O	Insulated hi-rel binding post, black	125	10	1.50	1.27	1.15	

E.F. JOHNSON

Banana Plugs

MOUSER STOCK NO.	Fig.	Color	Description	Price Each 1	25	100	500
530-108-1702-101	P	Red	Side set screw 15 amp @ 50VDC up to 16 AWG	1.19	1.01	.80	Call
530-108-1703-101	P	Black	wire nickel-silver	1.19	1.01	.80	For
530-108-0302-1	Q	Red	Solderless banana plug, nickel-plated brass polyamide	.98	.84	.67	Quote
530-108-0303-1	Q	Black	sleeve, current rating: 15 amps	.98	.84	.67	
530-108-1002-1	R	Red	Miniature banana plug, nickel-plated polyamide sleeve,	1.36	1.16	.92	
530-108-1003-1	R	Black	current rating: 10 amps	1.36	1.16	.92	Call
530-108-0252-1	S	Red	Dual banana plug 15 amp rating plug to plug capaci-	3.80	3.23	2.58	For
530-108-0253-1	S	Black	tance: 1.3pF	3.80	3.23	2.58	Quote
530-108-0752-1	T	Black	Standard insulation. Banana plug brass nickel-plated	1.42	1.21	.97	
530-108-0752-2	T	Red	bodies. Plastic handle. Current rating: 15 amps	1.42	1.21	.97	
530-108-1082-1	U	Red	Stacking standard banana plug.	1.45	1.23	.98	Call
530-108-1083-1	U	Black	Current rating: 15 amps	1.45	1.23	.98	For
530-108-0750-1	V	N/A	Standard banana plug. Current rating: 15 amps	1.12	.95	.76	Quote

Banana Jacks

MOUSER STOCK NO.	Fig.	Color	Description	1	25	100	500
530-108-0740-1	W	N/A	Standard banana jack. Nickel-plated	.81	.68	.55	
530-108-0902-1	X	Red	Banana jack. Polyamide insulated body	.50	.43	.34	Call
530-108-0903-1	X	Black	accommodates banana plugs nominal .175"D	.50	.43	.34	For
530-108-1102-1	Y	Red	Miniature press-in banana jack. Polyamide	.56	.48	.38	Quote
530-108-1103-1	Y	Black	molded body. Current rating: 10 amps	.56	.48	.38	

Tip Plugs

MOUSER STOCK NO.	Fig.	Color	Description	1	25	100	500
530-105-0302-1	Z	Red	Solderless tip plug completely insulated fits all standard	.72	.61	.49	Call
530-105-0303-1	Z	Black	tip jacks. 10 amp rating	.72	.61	.49	

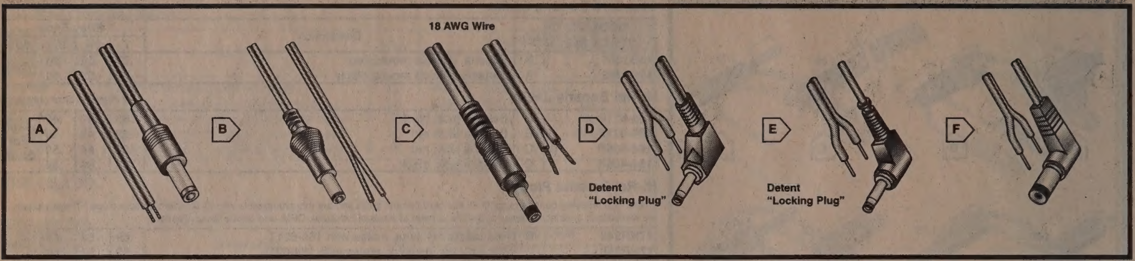
Tip Jacks

MOUSER STOCK NO.	Fig.	Color	Description	1	25	100	500
530-105-0252-1	AA	Red	Standard metal-clad tip jack. Molded body	.86	.73	.59	Call
530-105-0253-1	AA	Black	nickel plated jacket. Current rating: 10 amp	.86	.73	.59	For
530-105-0802-1	BB	Red	Standard tip jack. Molded body. Accepts .080" tip plug.	.63	.54	.43	Quote
530-105-0803-1	BB	Black	Current rating: 10 amps	.63	.54	.43	

Binding Posts

MOUSER STOCK NO.	Fig.	Color	Description	1	25	100	500
530-111-0102-1	CC	Red	Binding posts. Current rating: 15 amps	1.60	1.36	1.09	Call
530-111-0103-1	CC	Black	Binding posts. Current rating: 15 amps	1.60	1.36	1.09	

DC Power, Audio, and Video Cables



DC POWER CABLES

- Cord type: parallel with striped pin indicator

High Reliability

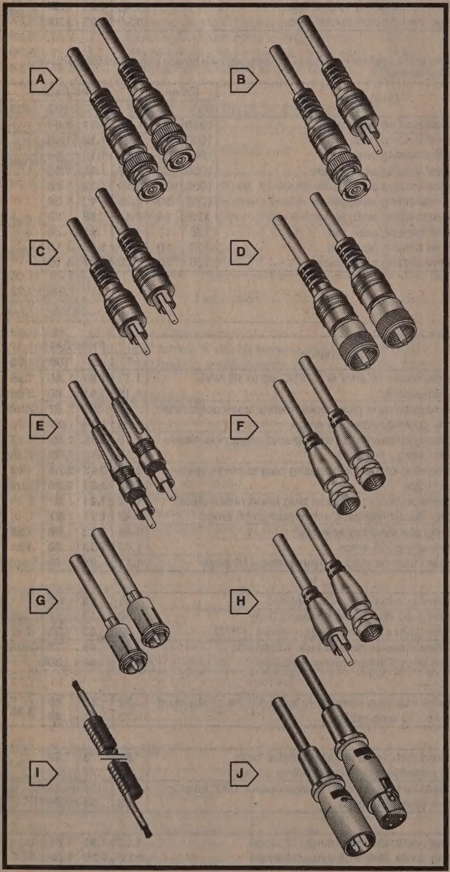
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Length (In.)	AWG	Plug Dimensions (mm)			Price Each		
					I.D.	O.D.	Length	1	10	100
172-1372	A	Gray	72	24	1.3	3.4	9	1.97	1.64	1.49
17RC015	A	Gray	72	24	2.1	5.5	11	1.67	1.39	1.26
172-4101	B	Black	72	24	2.1	5.5	11	1.26	1.05	.98
17FH114	B	Black	72	24	2.5	5.5	12.4	.79	.62	.56
17RC014	A	Gray	72	24	2.5	5.5	11	1.67	1.37	1.26
172-4201	C	Black	72	18	2.5	5.5	11.5	1.77	1.36	1.24

Right Angle

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Length (In.)	AWG	Plug Dimensions (mm)			Price Each		
					I.D.	O.D.	Length	1	10	100
172-1373	D	Black	120	24	1.3	3.4	9	1.82	1.52	1.39
172-1015	E	Black	120	24	2.1	5.5	14	1.79	1.49	1.35
172-4001	F	Gray	72	24	2.1	5.5	11	1.29	1.09	1.00



50 OHM SHIELDED RF CABLE ASSEMBLIES

All cable assemblies feature a molded strain relief that combines the cable and the nickel plated brass connectors into a single unified assembly minimizing failure due to bending and flexing.

Features:

- Low noise interference
- Weather resistant
- Flexible
- Molded strain relief
- Excellent impedance characteristics

Specifications:

- Cable type: RG 58C/U
- Impedance: 50Ω
- Insulation: polyethylene
- Shielding: tinned copper, 96% coverage

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Color	Description	Price Each		
					1	10	100
172-2150	A	72	Black	BNC plug to BNC plug	6.59	5.48	4.98
172-2151	B	72	Black	BNC plug to RCA plug	4.99	4.21	3.83
172-2152	C	72	Black	RCA plug to RCA plug	3.29	2.72	2.48
172-2153	D	72	Black	PL-259 (UHF) to PL-259 (UHF)	7.39	6.17	5.61

75 OHM SHIELDED RF CABLE ASSEMBLIES

These 75Ω coaxial cables offer low noise connections due to their shielded construction. Cables are securely attached to plugs and most are supplied with strain reliefs.

Specifications:

- Impedance: 75Ω
- Tinned copper braid shield

BNC / RCA Types

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Color	Description	Price Each		
					1	10	100
172-6650	A	72	Black	Standard BNC plug to BNC plug	7.10	5.92	5.38
172-2129	A	72	Black	Hi-rel BNC plug to BNC plug	11.65	9.71	8.83
172-6670	B	72	Black	Standard BNC plug to RCA plug	5.17	4.31	3.92
172-2130	B	72	Black	Hi-rel BNC plug to RCA plug	8.11	6.76	6.15
172-2101	E	72	Black	Hi-rel RCA plug to RCA plug	6.62	5.51	5.01

F Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Color	Description	Price Each		
					1	10	100
172-6690	F	72	Black	F to F screw-on	3.67	3.05	2.77
172-6691	G	72	Black	F to F push-on	3.66	3.05	2.77
172-6770	H	72	Black	F to RCA plug	3.67	3.08	2.77

MULTICONDUCTOR AUDIO CABLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Color	Description	Price Each		
					1	10	100
556-TEC60	I	20	Black	Coiled 1 shielded, 2 unshielded cond. Extends to 5 ft.	3.20	2.90	2.80
556-TEC70	I	30	Black	Coiled 1 shielded, 2 unshielded cond. Extends to 10 ft.	4.80	4.32	4.20
556-TEC80	I	24	Black	Coiled 1 shielded, 4 unshielded cond. Extends to 5 ft.	3.49	3.14	3.03
556-MCA160	J	240	Black	Switchcraft A3F to A3M, 2 cond. Shielded, push-button lock, for balanced line microphones	16.85	15.17	13.48

Plug and Cable Assemblies

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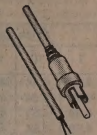

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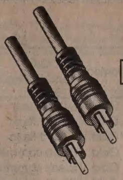

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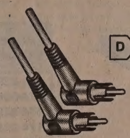

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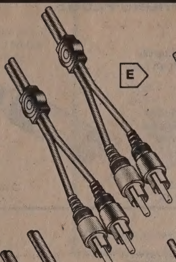

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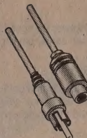

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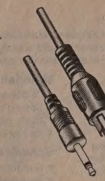

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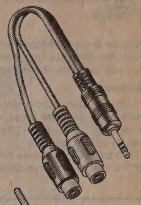

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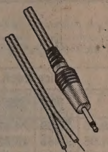

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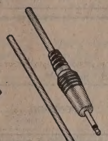

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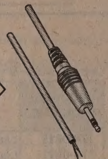

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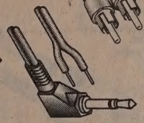

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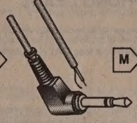

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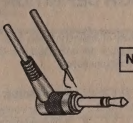

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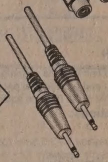

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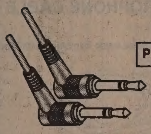

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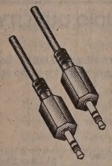

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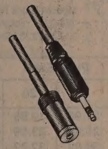

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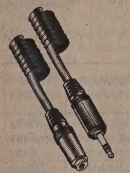

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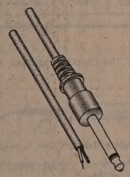

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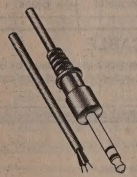

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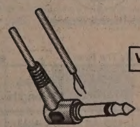

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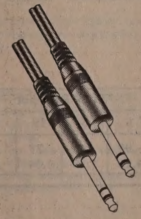

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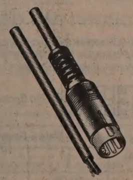

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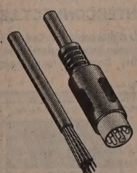


RCA PHONO TYPE CABLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (In.)	Color	Termination	Termination	Cable Type	Price Each 1	10	100
17RC011	A	72	Gray	RCA plug	Stripped and tinned	Shielded	2.18	1.82	1.65
172-1103	A	72	Black	RCA plug	Stripped and tinned	Shielded	1.63	1.41	1.28
17FH101	B	36	Gray	RCA plug	RCA plug	Shielded	1.15	.96	.87
17FH105	B	60	Gray	RCA plug	RCA plug	Shielded	1.31	1.08	.98
17RC001	B	36	Gray	RCA plug	RCA plug	Shielded	2.03	1.69	1.54
172-1101	B	36	Black	RCA plug	RCA plug	Shielded	1.62	1.30	1.18
17RC005	B	60	Gray	RCA plug	RCA plug	Shielded	2.40	2.00	1.82
17RC004	B	120	Gray	RCA plug	RCA plug	Shielded	3.40	2.83	2.57
172-1001	C	36	Gray	Right angle RCA plug	RCA plug	Shielded	1.39	1.26	1.15
172-1002	C	60	Gray	Right angle RCA plug	RCA plug	Shielded	1.59	1.35	1.22
172-0004	D	72	Black	2 RCA plugs	2 RCA plugs	Shielded	3.96	3.30	3.00
17RC002	E	72	Gray	RCA plug	RCA jack	Shielded	3.13	2.61	2.37
17RC003	E	120	Gray	RCA plug	RCA jack	Shielded	3.57	2.97	2.70
172-0002	F	72	Black	RCA plug	3.5mm mono plug	Shielded	1.76	1.47	1.34
172-0003	G	5	Black	2 RCA jacks	3.5mm stereo plug	Shielded	2.08	1.73	1.57

PHONE TYPE CABLES

2.5mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (In.)	Color	Termination	Termination	Cable Type	Price Each 1	10	100
17RC021	H	72	Gray	2.5mm mono plug	Stripped and tinned	Parallel	1.67	1.39	1.26
172-2103	H	72	Black	2.5mm mono plug	Stripped and tinned	Parallel	1.32	1.10	.99
17RC012	I	72	Gray	2.5mm mono plug	Stripped and tinned	Shielded	2.18	1.82	1.65
172-2104	I	72	Black	2.5mm mono plug	Stripped and tinned	Shielded	1.79	1.51	1.38
172-2204	J	72	Black	2.5mm stereo plug	Stripped and tinned	Shielded	2.97	2.47	2.25
172-2304	J	72	Gray	2.5mm stereo plug	Stripped and tinned	Shielded	2.97	2.47	2.25
172-2003	K	72	Gray	2.5mm mono, right angle plug	Stripped and tinned	Parallel	1.29	1.09	1.00
172-2004	L	72	Gray	2.5mm mono, right angle plug	Stripped and tinned	Shielded	1.59	1.35	1.22

3.5mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (In.)	Color	Termination	Termination	Cable Type	Price Each 1	10	100
17FH128	H	72	Black	3.5mm mono plug	Stripped and tinned	Parallel	.82	.68	.63
17RC028	H	72	Gray	3.5mm mono plug	Stripped and tinned	Parallel	1.67	1.39	1.27
17RC009	I	72	Gray	3.5mm mono plug	Stripped and tinned	Shielded	2.18	1.82	1.65
172-2106	I	72	Black	3.5mm mono plug	Stripped and tinned	Shielded	1.63	1.37	1.25
172-2206	J	72	Black	3.5mm stereo plug	Stripped and tinned	Shielded	2.74	2.29	2.08
172-2306	J	72	Gray	3.5mm stereo plug	Stripped and tinned	Shielded	2.74	2.29	2.08
172-2005	K	72	Gray	3.5mm mono, right angle plug	Stripped and tinned	Parallel	1.29	1.08	.98
172-2006	M	72	Gray	3.5mm mono, right angle plug	Stripped and tinned	Shielded	1.59	1.35	1.22
171-3536	N	36	Gray	3.5mm mono plug	3.5mm mono plug	Shielded	2.35	1.96	1.78
17RC029	N	60	Gray	3.5mm mono plug	3.5mm mono plug	Shielded	2.54	2.12	1.92
172-2107	N	60	Black	3.5mm mono plug	3.5mm mono plug	Shielded	1.99	1.66	1.37
17RC006	N	72	Gray	3.5mm mono plug	3.5mm mono plug	Shielded	2.64	2.20	2.00
172-2007	O	60	Gray	3.5mm mono, right angle plug	3.5mm mono plug	Shielded	1.89	1.60	1.46
172-2008	O	72	Gray	3.5mm mono, right angle plug	3.5mm mono plug	Shielded	1.99	1.68	1.56
556-PR4	P	72	Black	3.5mm stereo plug	3.5mm stereo plug; patch cord for dubbing; built-in resistors protect against overloading	Shielded	5.70	5.13	4.95
556-SEC10	Q	120	Black	3.5mm stereo plug	3.5mm stereo jack	Shielded	2.90	2.61	2.52
556-RC15	R	180	Black	3.5mm stereo plug	3.5mm stereo jack	Coiled	3.86	3.59	3.09

1/4"

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (In.)	Color	Termination	Termination	Cable Type	Price Each 1	10	100
17RC010	S	72	Gray	1/4" mono plug	Stripped and tinned	Shielded	2.63	2.19	1.99
172-3101	S	72	Black	1/4" mono plug	Stripped and tinned	Shielded	2.23	1.86	1.69
17RC008	T	72	Black	1/4" stereo plug	Stripped and tinned	Unshielded	4.04	3.37	3.08
172-3001	U	72	Gray	1/4" mono, right angle plug	Stripped and tinned	Shielded	1.99	1.68	1.53
172-0001	V	72	Black	1/4" stereo plug	1/4" stereo plug	Shielded	3.60	3.00	2.73

DIN TYPE CABLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (In.)	Color	Description	Price Each 1	10	100
17RC007	W	72	Black	5 pin DIN plug to stripped and tinned	8.16	6.80	6.18
172-0008	X	72	Black	8 pin DIN plug to 24 AWG stripped and tinned leads shielded cable	5.35	4.46	4.06

DGS DELTRON HIGH END PROFESSIONAL RCA PHONO PLUGS

Designed and manufactured in the United Kingdom. Manufactured to the highest European quality standards. Designed for use with all professional audio equipment. The solid center pin is gold plated, machined brass with large solder bucket termination for easy soldering.

Features:

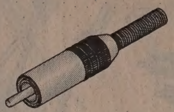
- Solid, gold plated, brass center pin
- Ground contact, gold plated, machined brass with "T" shaped slot for effective spring contact retention
- Solid brass body provides 100% shielding
- PTFE insulation for high dielectric constant

Material:

- Center contact: brass 0.5 micron gold plate
- Ground contact: brass 0.5 micron gold plate
- Cable clamp: brass 0.5 micron gold plate
- Insulator: PTFE

Specifications:

- Current rating: 5A @ 250VDC/150VAC
- Insulation resistance: 100MΩ @ 500VDC



MOUSER STOCK NO.	Contact	Cap and Spring	Color Band	Price Each			
				1	10	100	500
174-3200	Gold	Gold flash	None	4.89	4.44	4.04	Call For Quote
174-3205	Gold	Gold flash	Red	4.99	4.54	4.12	
174-3206	Gold	Gold flash	White	4.99	4.54	4.12	
174-3210	Gold	Black chrome	None	4.99	4.54	4.12	
174-3215	Gold	Black chrome	Red	4.99	4.54	4.12	
174-3216	Gold	Black chrome	White	4.99	4.54	4.12	

DGS DELTRON HIGH DEFINITION PHONO LEADS

Designed to enhance the sound quality of interconnection of all types of professional audio equipment. Deltron high end professional phono plugs are combined with Gotham low loss GAC-1 professional audio cable to achieve the ultimate audio interconnection.

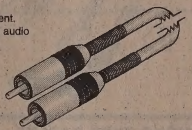
Specifications:

Cable:

- Jacket: gray/red PVC 5.3mm (.209") O.D.
- Shield: double reussen
- Inner sleeve: conductive PVC
- Insulation: polyethylene
- Conductor: 1 x 24AWG (44 x 41)

Connector:

- Center contact: brass, 0.5 micron gold plate
- Ground contact: brass, 0.5 micron gold plate
- Cap and Spring: brass, black chrome plate



Lead set consists of 1 gray and 1 red cable

MOUSER STOCK NO.	Description	Price Each			
		1	10	20	50
174-0615	Lead set plug/plug 0.5 meter length	26.95	25.60	24.32	Call For Quote
174-0611	Lead set plug/plug 1 meter length	31.95	30.35	28.83	
174-0612	Lead set plug/plug 2 meter length	41.95	38.95	37.86	
174-0613	Lead set plug/plug 3 meter length	52.95	50.30	47.79	

DELTRON HITACHI HI-END AUDIO INTERCONNECTS

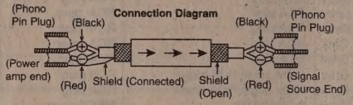
Specifications:

- Housing: molded on phono body
- Contacts: 24K gold plated brass (non-magnetic)
- Cable: twin conductor LC-OFC 20/0. 12mm (0.25mm²) with LC-OFC braid shield
- Conductor resistance: <24mΩ/ft.
- Capacitance: 18PF/FT.
- Impedance: 55Ω @ 1MHz
- Jacket: blue PVC

Features:

- Improved electrical current carrying and high frequency response characteristics

Connection Diagram



The leads are to be connected with the arrows pointing away from power amplifier (as illustrated) as the shield is connected to negative signal pin at one end of the cable only. This will alleviate loop hum.

- Includes 2 Hitachi LC-OFC cables w/ color coded phono plugs, 1 red, 1 white

MOUSER STOCK NO.	Length (Meters)	Price Each	
		1	5
172-8005	.5	35.95	31.94
172-8010	1.0	38.95	35.26
172-8015	1.5	44.95	40.46

DGS DELTRON STUDIO QUALITY MICROPHONE CABLE

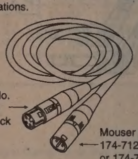
This series features low noise Gotham microphone cable. Gotham low noise cable combined with Mouser 3 pin, 7000 series XLR connectors is ideally suited for studio applications.

Features:

- Double reverse wound shielding
- High noise rejection
- Superior flexibility
- 3 pin XLR plug to 3 pin XLR socket
- 8 color coding collar assemblies included

Specifications:

- Voltage rating: 250VDC
- Current rating: 16A
- Contact resistance: 3mΩ (max.)
- Temperature range: -30°C to +80°C



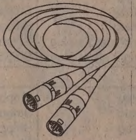
Mouser Stock No.
164-7113 nickel
or 164-7213 black

Mouser Stock No.
174-7123 nickel
or 174-7233 black

MOUSER STOCK NO.	Cable Length (Meters)	Connector Body Finish	Cable Color	Price Each			
				1	10	20	50
172-0031	3	Satin nickel with silver contacts	Gray	24.25	21.98	19.98	Call For Quote
172-0051	5		Gray	28.50	25.94	23.59	
172-0101	10		Gray	39.50	36.00	32.73	
172-0032	3	Matte black with gold contacts	Black	27.50	25.16	22.87	
172-0052	5		Black	31.45	28.60	26.00	
172-0102	10		Black	42.25	38.47	35.00	

DELTRON 5 PIN DIN CABLE

A five pin 180° DIN plug to plug cable assembly using four conductor, individually shielded cable. Two styles are offered. One is mirror connected (pin 1 to pin 3), the other is wired straight through (pin 1 to pin 1).

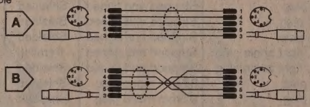


Features:

- Die cast shielded body
- Bright nickel finish
- Cable grip/strain relief
- 5 pin DIN plug/plug cable

Specifications:

- Voltage rating: 100V
- Current rating: 4A
- Contact resistance 10mΩ (max.)
- Temperature rating: -25°C to +70°C



MOUSER STOCK NO.	Fig.	Length (meters)	Wired	Price Each			
				1	10	20	50
172-5910	A	1.5	Straight	12.95	11.18	10.16	Call
172-5920	B	1.5	Mirror	12.95	11.18	10.16	

OXYGEN-FREE COPPER (OFC) AUDIO CABLE

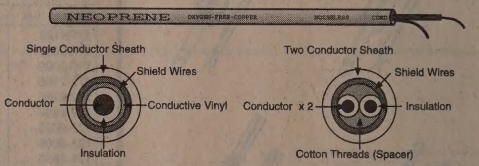
Oxygen free copper cable provides superior current carrying characteristics and high frequency response. The low noise qualities combines with the flexible neoprene jacket makes it ideally suited for audiophile or studio applications.

Features:

- OFC conductor/shield
- Super flexible
- Low noise
- High frequency response

Specifications:

- Jacket: soft vinyl (PVC)
- Insulation: soft polyethylene
- Shield: braid, OFC



By The Foot

MOUSER STOCK NO.	No. of Conductors	Conductor Stranding	Jacket O.D.	Color	Price Per Foot			
					1	5	10	25
172-6511FT	1	20 x .12mm	6.5mm	Blue	.98	.87	.77	.72
172-6522FT	2	12 x .18mm	6.5mm	Red	1.29	1.19	1.04	.94

By The Reel

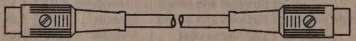
★50M=164FT

MOUSER STOCK NO.	★Reel Length	Price Per Reel
172-6511	50M	114.43
172-6522	50M	126.44

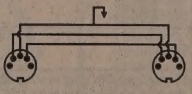
DGS DELTRON PROFESSIONAL INTERCONNECT LEADS

Musical Instrument Digital Interface (MIDI) Leads

Consists of: Gotham's GAC-2, Twisted pair cable and two Deltron 5 pin DIN plugs. The GAC-2 cable, long recognized for it's flexibility, is RFI/EMI protected by it's equally recognized double reussen shield, the ultimate in RFI shielding. Gotham's GAC-2 cable is terminated by two rugged Deltron 5 pin din plugs.

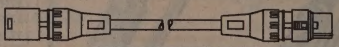


MOUSER STOCK NO.	Length (Meters)	Price Each	
		1	5
172-61305	1/2	11.79	9.83
172-61310	1	13.19	10.98
172-61330	3	18.29	15.23
172-61350	5	22.69	18.88



AES-EBU DIGITAL AUDIO INTERCONNECT LEADS

DGS combines Gotham GAC-2 AES-EBU digital cable with Deltron 7000 series XLR connectors and 8 color coding collar assemblies . The construction has been especially designed for the AES-EBU digital format which is a square wave signal running at up to 60MHz. Configured for a balanced 110Ω (nominal) impedance line.



MOUSER STOCK NO.	Length (Meters)	Price Each	
		1	5
172-0305	1/2	18.29	15.23
172-0310	1	21.44	17.93
172-0330	3	31.44	26.20
172-0350	5	41.44	34.50

DGS DELTRON Professional RCA Phono Connectors

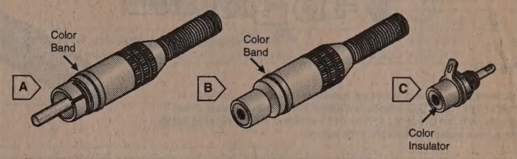
PROFESSIONAL RCA PHONO PLUGS

Designed and manufactured in the United Kingdom. They are of the highest quality and are noted throughout Europe for their mechanical and sonic excellence. They are made from machined brass and are offered with various plating options and your choice of hollow or solid center pin. Deltron's latest innovation is the addition of color coded bands for easy cable identification.

Features:
- Choice of nickel, gold or black chrome finish
- Available with hollow or solid center pin
- Matching spring strain relief
- Ground contact with unique "T" shape slot provides maximum contact area
- Internal cable clamp for secure cable connection
- Color coded bands for easy cable identification

Specifications:
- Current rating: 5 amp @ 250VDC/150VAC
- Insulation resistance: 100MΩ 500VDC
- Maximum cable size: 5.5mm (.22")

Material:
- Center contact: brass with nickel or gold plate
- Ground contact: brass with nickel or gold plate
- Cable clamp: brass with nickel of gold plate
- Spring: brass with nickel, gold or black chrome plate
- Insulation: Noryl
- Body: brass with nickel, gold or black chrome plating



Color coded bands for easy cable identification.

MOUSER STOCK NO.	Fig.	Plating		Color Band	Price Each			
		Contact	Body		1	10	100	500
Hollow Center Pin								
174-3300	A	Nickel	Nickel	None	1.83	1.66	1.51	
174-3301	A	Nickel	Nickel	Black	1.93	1.76	1.60	Call
174-3302	A	Nickel	Nickel	Blue	1.93	1.76	1.60	For
174-3305	A	Nickel	Nickel	Red	1.93	1.76	1.60	Quote
174-3306	A	Nickel	Nickel	White	1.93	1.76	1.60	
174-3307	A	Nickel	Nickel	Yellow	1.93	1.76	1.60	
174-3310	A	Gold	Gold	None	2.34	2.13	1.94	
174-3311	A	Gold	Gold	Black	2.44	2.22	2.02	
174-3312	A	Gold	Gold	Blue	2.44	2.22	2.02	
174-3315	A	Gold	Gold	Red	2.44	2.22	2.02	
174-3316	A	Gold	Gold	White	2.44	2.22	2.02	
174-3317	A	Gold	Gold	Yellow	2.44	2.22	2.02	
174-3320	A	Gold	Black chrome	None	2.34	2.13	1.94	
174-3321	A	Gold	Black chrome	Black	2.44	2.22	2.02	
174-3322	A	Gold	Black chrome	Blue	2.44	2.22	2.02	
174-3325	A	Gold	Black chrome	Red	2.44	2.22	2.02	Call
174-3326	A	Gold	Black chrome	White	2.44	2.22	2.02	For
174-3327	A	Gold	Black chrome	Yellow	2.44	2.22	2.02	Quote
Solid Center Pin								
174-3330	A	Nickel	Nickel	None	1.99	1.81	1.64	
174-3331	A	Nickel	Nickel	Black	2.09	1.90	1.73	
174-3332	A	Nickel	Nickel	Blue	2.09	1.90	1.73	
174-3335	A	Nickel	Nickel	Red	2.09	1.90	1.73	
174-3336	A	Nickel	Nickel	White	2.09	1.90	1.73	
174-3337	A	Nickel	Nickel	Yellow	2.09	1.90	1.73	
174-3340	A	Gold	Gold	None	2.49	2.27	2.06	
174-3341	A	Gold	Gold	Black	2.60	2.36	2.15	
174-3342	A	Gold	Gold	Blue	2.60	2.36	2.15	
174-3345	A	Gold	Gold	Red	2.60	2.36	2.15	
174-3346	A	Gold	Gold	White	2.60	2.36	2.15	Call
174-3347	A	Gold	Gold	Yellow	2.60	2.36	2.15	For
174-3350	A	Gold	Black chrome	None	2.49	2.27	2.06	Quote
174-3351	A	Gold	Black chrome	Black	2.60	2.36	2.15	
174-3352	A	Gold	Black chrome	Blue	2.60	2.36	2.15	
174-3355	A	Gold	Black chrome	Red	2.60	2.36	2.15	
174-3356	A	Gold	Black chrome	White	2.60	2.36	2.15	
174-3357	A	Gold	Black chrome	Yellow	2.60	2.36	2.15	

PROFESSIONAL PHONO LINE SOCKETS

MOUSER STOCK NO.	Fig.	Plating		Color Band	Price Each			
		Contact	Body		1	10	100	500
164-3400	B	Nickel	Nickel	None	1.93	1.76	1.60	
164-3401	B	Nickel	Nickel	Black	2.04	1.85	1.68	
164-3402	B	Nickel	Nickel	Blue	2.04	1.85	1.68	
164-3405	B	Nickel	Nickel	Red	2.04	1.85	1.68	
164-3406	B	Nickel	Nickel	White	2.04	1.85	1.68	Call
164-3407	B	Nickel	Nickel	Yellow	2.04	1.85	1.68	For
164-3410	B	Gold	Gold	None	2.55	2.31	2.10	Quote
164-3411	B	Gold	Gold	Black	2.65	2.41	2.19	
164-3412	B	Gold	Gold	Blue	2.65	2.41	2.19	
164-3415	B	Gold	Gold	Red	2.65	2.41	2.19	
164-3416	B	Gold	Gold	White	2.65	2.41	2.19	
164-3417	B	Gold	Gold	Yellow	2.65	2.41	2.19	

PROFESSIONAL PHONO LINE SOCKETS

MOUSER STOCK NO.	Fig.	Plating		Color Band	Price Each			
		Contact	Body		1	10	100	500
164-3420	B	Gold	Black chrome	None	2.55	2.31	2.10	Call For Quote
164-3421	B	Gold	Black chrome	Black	2.65	2.41	2.19	
164-3422	B	Gold	Black chrome	Blue	2.65	2.41	2.19	
164-3425	B	Gold	Black chrome	Red	2.65	2.41	2.19	
164-3426	B	Gold	Black chrome	White	2.65	2.41	2.19	
164-3427	B	Gold	Black chrome	Yellow	2.65	2.41	2.19	

PROFESSIONAL PHONO CHASSIS SOCKETS

MOUSER STOCK NO.	Fig.	Contact Plating	Body	Price Each			
				1	10	100	500
164-4215	C	Nickel	Black	1.12	1.02	.93	Call For Quote
164-4315	C	Nickel	Red	1.12	1.02	.93	
164-4321	C	Gold	Black	1.37	1.24	1.14	
164-4325	C	Gold	Red	1.37	1.24	1.14	

THROUGH GROUND PROFESSIONAL PHONO PLUGS

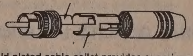
A series of high quality phono plugs manufactured in the United Kingdom from machined brass. The series features a removable center contact when crimping preference is preferred on assembling cable to contact. It also has a machined brass collet for cable gripping and dual grounding.

Features:
- Removable solid pin contact with crimp or solder bucket termination
- Ground contact with precision machined "T" shape slot provides maximum contact area
- Machined brass collet for cable gripping and dual grounding
- Accepts cable diameters to .236"

Material Specifications:
- Center contact: brass with 0.5 micron gold plating
- Ground contact: brass with 0.5 micron gold plating
- Cap: brass with 0.5 micron gold plating or black chrome
- Collet: brass with 0.5 micron gold plating
- Insulation: PTFE

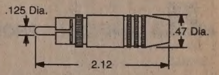
Electrical Specifications:
- Current rating: 5 amp @ 200VDC/150VAC
- Insulation resistance: 100MΩ @ 500VDC

Ground contacts machined out of the main body provide improved ground connection over typical "riveted" ground contacts



Gold plated cable collet provides superior ground when braid shield is folded back over the cable jacket for 3/8" allowing collet to be clamped onto braid shield.

DIMENSIONS (IN.)



MOUSER STOCK NO.	Contact Plating		Cap Plating	Color Coding Band	Price Each			
	Ground	Centre			1	10	100	500
174-3455	Gold	Gold	Black chrome	Red	9.81	8.92	8.11	Call
174-3456	Gold	Gold	Black chrome	White	9.81	8.92	8.11	

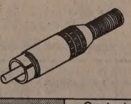
COLORED CAP PHONO PLUGS

This series features UK manufactured phono plugs made from machined brass with aluminum caps anodized in four colors for easy identification. All have solid center contacts with solder bucket termination. An internal cable clamp provides secure cable connection.

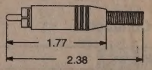
Features:
- Solid center pin with solder bucket termination
- "T" shape ground contact for maximum contact area
- Internal cable clamp for secure cable connection
- Color coded caps for easy cable identification
- Accepts cable diameters up to .216"

Material Specifications:
- Center contact: brass with flash gold plating
- Ground contact: brass with flash gold plating
- Insulation: PTFE
- Cable clamp: brass with flash gold plating
- Spring: brass with flash gold plating
- Body: anodized aluminum
- Anodized aluminum cap available in four colors, providing easy cable identification

Electrical Specifications:
- Current rating: 5 amp @ 200VDC/150VAC
- Insulation resistance: 100MΩ @ 500VDC



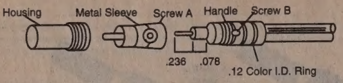
DIMENSIONS (IN.)

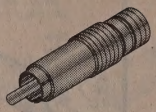


MOUSER STOCK NO.	Contact Plating		Cap Plating	Price Each			
	Ground	Centre		1	10	100	500
174-3461	Gold	Gold	Black anodized	3.43	3.12	2.84	Call For Quote
174-3462	Gold	Gold	Blue anodized	3.43	3.12	2.84	
174-3465	Gold	Gold	Red anodized	3.43	3.12	2.84	
174-3467	Gold	Gold	Yellow anodized	3.43	3.12	2.84	

Jacks and Plugs

PROFESSIONAL QUALITY AUDIO/VIDEO PHONO PLUG

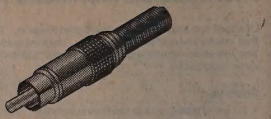




Pro 250

A superior product, designed for the audio/video enthusiast. Designed to accept (.315") 8mm O.D. oxygen free copper (OFC) cable. Spacer sleeve included for cable O.D.'s of (.177" to .217") 4.5mm to 5.5mm including RG59. Three, color coded, identification rings included.

MOUSER STOCK NO.	Description	Price Each 1	10	100	500
174-4350	Pro 250 gold plated audio/video phono plug	16.23	12.10	11.00	Call



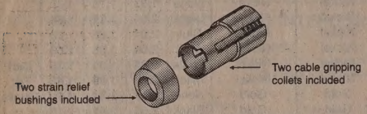
Pro 210

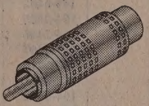
Similar quality as Pro 250 except for (.30") 7.5mm max. O.D. cable. Gold plated pin/shell and circular cable clamp, glossy black insulator with an extremely rugged spring strain relief.

MOUSER STOCK NO.	Description		Price Each 1	10	100	500
174-4352	Red	Pro 210 gold plated audio/video phono plug	11.28	8.42	7.69	Call For Quote
174-4353	White		11.28	8.42	7.69	
174-4354	Yellow		11.28	8.42	7.69	

DELTRON HI-END AUDIO/VIDEOPHILE PROFESSIONAL QUALITY PHONO PLUGS

A phono plug designed for the demanding user. The two piece anodized aluminum body has deep checkering at key points providing a positive, slip-proof gripping surface. The plug is of turned, gold plated brass and incorporates a unique "T" slot design allowing interconnection between non-standard sockets. Two "cable gripping" collets are supplied with a gripping range of .118" to .276" and .276" to .406" O.D. Two identification/strain relief bushings are included for cables from .118" to .406".


Two cable gripping collets included
Two strain relief bushings included

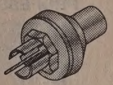


Specifications:
- Anodized aluminum body
- Hard gold plated contacts
- .118" to .406" cable O.D. range
- Red or black anodized finish

MOUSER STOCK NO.	Description	Price Each 1	10	100	500
174-4351	Professional quality phono plug, black	18.69	16.99	14.99	Call
174-4355	Professional quality phono plug, red	18.69	16.99	14.99	

PROFESSIONAL QUALITY PHONO JACK

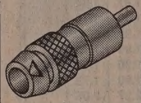
Can be built into new or existing equipment. They are available in gold with an attractive red or black insulator.



MOUSER STOCK NO.	Description	Price Each 1	10	100	500
161-4206	Gold plated with red insulator	10.60	8.83	8.03	Call
161-4207	Gold plated with black insulator	10.60	8.83	8.03	

PROFESSIONAL SHIELDED PHONO PLUGS

Quality made with gold contacts and colored anodized aluminum bodies. Designed specifically for use with RG-59 coaxial cable to reduce the effects of electronic noise. Gold plated contacts insure excellent connections.

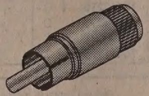


MOUSER STOCK NO.	Description	Price Each 1	10	100	500
171-4203	Gold color finish	7.54	6.29	5.74	Call
171-4204	Silver color finish	5.49	4.91	4.15	

RCA PHONO PLUG WITH SOLID PIN

This plug is the same as Mouser number 17PP052 except it has a solid center pin and a phenolic handle.

Features:
- Contact center pin: Nickel plated brass
- Ground contact: Nickel plated brass
- Handle Material: Phenol plastic (Phenolic)



MOUSER STOCK NO.	Description	Price Each 1	10	100	500
171-0520	Black phenolic insulator with solid center pin	.68	.52	.47	Call

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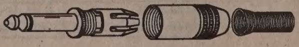
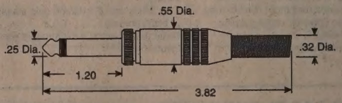
DELTRON PROFESSIONAL QUALITY 1/4" PHONE PLUGS

Two and three conductor phone plugs with full shielding. These plugs are designed to withstand the rugged conditions required of the professional audio user. The cap, body, and spring strain relief are nickel plated brass. The cable collet is acetal plastic. Screw or solder termination is offered in nickel, gold, or black chrome plated finish. Ideal for use with electrical instruments, amplifiers, guitars, synthesizers tape decks and loud speaker systems.

Material Specifications:
- Body: nickel plated brass
- Cap: nickel plated brass
- Strain relief: nickel plated brass
- Collet: acetal plastic
- Insulation: thermoplastic



Two Conductor Illustrated



Two Conductor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Plating Contact	Cap	Spring	Termination	Price Each 1	10	100
174-3180	Nickel	Nickel	Nickel	Screw	3.46	3.15	2.86
174-3220	Nickel	Gold	Gold	Screw	3.99	3.63	3.30
174-3221	Nickel	Black chrome	Black chrome	Screw	3.99	3.63	3.30
174-3230	Nickel	Gold	Gold	Solder	3.79	3.49	3.14
174-3231	Nickel	Black chrome	Black chrome	Solder	3.79	3.49	3.14
174-3260	Nickel	Nickel	Nickel	Solder	3.26	2.96	2.70

Three Conductor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Plating Contact	Cap	Spring	Termination	Price Each 1	10	100
174-3190	Nickel	Nickel	Nickel	Screw	4.72	4.30	3.91
174-3240	Nickel	Gold	Gold	Screw	5.23	4.76	4.32
174-3241	Nickel	Black chrome	Black chrome	Screw	5.23	4.76	4.32
174-3250	Nickel	Gold	Gold	Solder	4.93	4.48	4.07
174-3251	Nickel	Black chrome	Black chrome	Solder	4.93	4.48	4.07
174-3270	Nickel	Nickel	Nickel	Solder	4.43	4.03	3.66

2.5mm and 3.5mm Phone Plugs, and Phono Plugs

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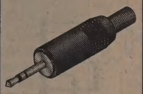

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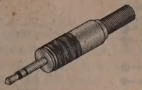

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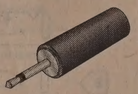

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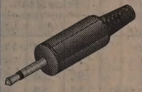

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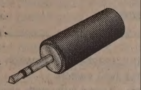

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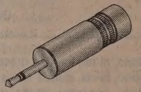

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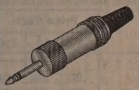

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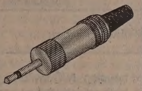

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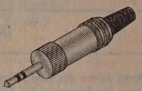

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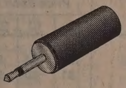

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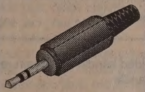

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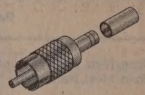

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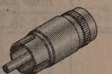

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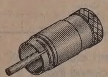

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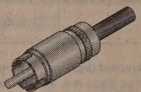

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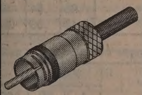

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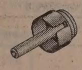

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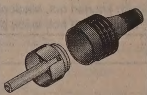

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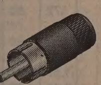

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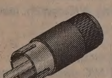

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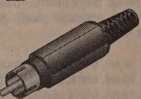

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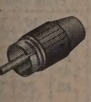

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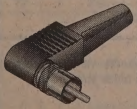

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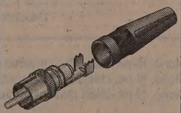

2.5mm PLUGS

Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-3307	A	Stereo, shielded, gold contact with black metal handle	4.32	3.60	3.27	Call
171-3306	B	Stereo, hi-rel, shielded handle and spring strain relief	2.52	2.10	1.91	

Non-Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
Mono						
17PP053	C	Mono, hi-rel, black plastic handle, plastic threaded plug	.65	.43	.39	Call For Quote
17PP095	C	Mono, economy, black plastic handle	.45	.31	.29	
174-2213	C	Mono, hi-rel, black plastic handle, metal threaded plug	.90	.69	.63	
171-3304	D	Mono, plastic threaded plug, .33" (D) x 1.5" (L)	.65	.43	.39	
Stereo						
171-3305	E	Stereo, hi-rel, black plastic handle	2.25	1.87	1.70	

3.5mm PLUGS

Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
Mono						
171-1041	F	Mono, hi-rel, shielded, metal plug, insulated sleeve	1.17	.90	.82	Call For Quote
171-3200	G	Mono, hi-rel, shielded handle, insulated sleeve, and black strain relief, U.S. tip	1.36	1.14	1.03	
171-3201	H	Mono, hi-rel, shielded handle, insulated sleeve, and black strain relief, Japan tip	1.36	1.14	1.03	
Stereo						
171-3300	I	Stereo, hi-rel, shielded handle, plastic bushing screw threads, insulated sleeve, black strain relief, .37" (D) x .98" (L)	1.73	1.44	1.31	
171-3301	I	Stereo, hi-rel, shielded handle, metal bushing screw threads, insulated sleeve, black strain relief, .37" (D) x .98" (L)	1.92	1.60	1.45	

Non-Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
Mono						
171-3500	C	Mono, plastic thread plug	.80	.61	.56	Call For Quote
17PP047	D	Mono, plastic threaded plug, .40" (D) x 2" (L)	.65	.57	.46	
171-3302	D	Mono, plastic threaded plug, .33" (D) x 1.5" (L)	.85	.65	.60	
17PP101	J	Mono, red plastic handle with threaded metal bushing	.49	.35	.31	
17PP102	J	Mono, black plastic handle with metal plug	.56	.38	.35	
17PP103	J	Mono, gray plastic handle with plastic plug	.43	.30	.27	
17PP105	J	Mono, hi-rel, black plastic handle with threaded metal bushing	.97	.75	.68	
Stereo						
17PP004	K	Stereo, hi-rel, molded, plastic threaded bushing with strain relief	1.18	.91	.83	

PHONO PLUGS

Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-8113	L	Metal shielded body for RG58, with ferrule	.66	.51	.37	Call For Quote
171-8114	L	Metal shielded body for RG59, with ferrule	.66	.51	.37	
17PP058	M	Shielded	.75	.59	.53	
17HR581	N	Shielded with plain ID band	1.83	1.66	1.51	
17HR582	N	Shielded with black ID band	1.83	1.66	1.51	
17HR584	N	Shielded with white ID band	1.83	1.66	1.51	
17HR585	N	Shielded with yellow ID band	1.83	1.66	1.51	
171-4202	O	Shielded, gold plating over nickel plated brass	3.10	2.58	2.35	
174-4206	P	Gold strain relief spring with black ID	3.25	2.71	2.46	
174-4207	P	Gold strain relief spring with red ID	3.25	2.71	2.46	

Non-Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
17PP050	Q	Uninsulated	.17	.13	.12	Call For Quote
17PP077	R	Molded vinyl with strain relief, black	.52	.35	.31	
17PP079	R	Molded vinyl with strain relief, red	.52	.35	.31	
17PP051	S	Red plastic insulator	.67	.45	.41	
17PP052	S	Black plastic insulator	.67	.45	.41	
171-0530	S	Hi-temperature black plastic insulator	.65	.50	.46	
171-0520	T	Black plastic barrel with solid center pin	.73	.56	.51	
174-4356	U	General purpose phono plug with strain relief and red ID ring	.71	.47	.43	
174-4357	U	General purpose phono plug with strain relief and white ID ring	.71	.47	.43	
174-4358	U	General purpose phono plug with strain relief and yellow ID ring	.71	.47	.43	
174-4359	U	General purpose phono plug with strain relief and black ID ring	.71	.47	.43	
17HR881	V	Black plastic insulator	1.42	1.19	1.08	
171-8111	W	Right angle with black plastic handle	1.45	1.21	1.10	
171-8112	X	Black, molded PVC strain relief/handle	1.45	1.21	1.10	

2.5mm and 3.5mm Phone Jacks

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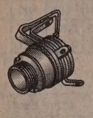

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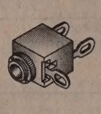

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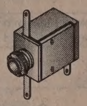

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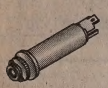

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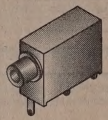

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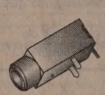

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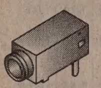

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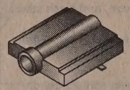

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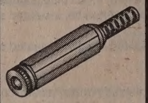

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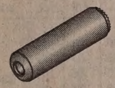

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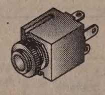

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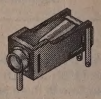

Available in Threaded or Unthreaded Bushing

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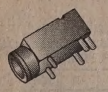

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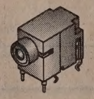

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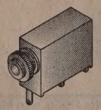

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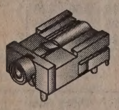

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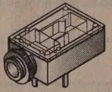

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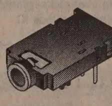

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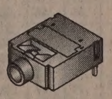

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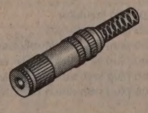

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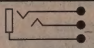

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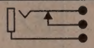

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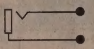

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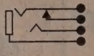

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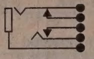

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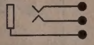

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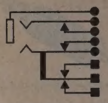

2.5mm JACKS

Chassis Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
16PJ100	A	.16	2	Mono, hi-rel, knurled dress nut, washer, N/C switch	.71	.48	.43
164-1012	A	.16	2	Mono, hi-rel, slotted dress nut, N/C switch	.95	.74	.67
16PJ125	B	.16	2	Mono, economy, plastic, norm. closed swc. with spring (blk)	.25	.18	.16
16PJ128	B	.16	2	Mono, economy, plastic, norm. closed swc. with spring (wht)	.22	.18	.16
16PJ126	C	.16	2	Mono, economy, enclosed plastic housing, N/C switch	.36	.24	.21
Stereo							
161-3307	D	.25	1	Stereo, hi-rel, fully enclosed, shielded	1.55	1.29	1.18

PCB Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
16PJ090	E	.15	2	Mono, hi-rel, enclosed plastic housing, N/C switch	.80	.59	.54
161-2501	F	.20	6	Mono, enclosed, open circuit, high retention dual contact	.77	.56	.51
Stereo							
161-2502	G	---	1	3-conductor, stereo PCB phone jack	1.22	.94	.86
161-2503	H	---	1	3-conductor, SMD phone jack, surface mount	1.22	1.02	.93

In-Line

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
16PJ227	I	---	3	Mono, hi-rel, black PVC molded handle with strain relief	.83	.64	.58
16PJ105	J	---	3	Mono, hi-rel, black plastic handle	.81	.60	.55
Stereo							
161-3308	J	---	1	Stereo, hi-rel, black plastic handle	1.47	1.22	1.11

3.5mm JACKS

Chassis Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
16PJ011	A	.25	2	Mono, knurled dress nut, washer, norm. closed switch	.72	.55	.50
16PJ012	A	.25	2	Mono, hex dress nut, washer, norm. closed switch	.77	.57	.51
164-1010	A	.25	2	Mono, hi-rel, knurled dress nut, washer and switch	.98	.75	.68
16PJ135	B	.25	2	Mono, economy, black plastic, N/C switch with spring	.26	.20	.18
16PJ137	B	.25	2	Mono, economy, white plastic, N/C switch with spring	.26	.21	.18
16PJ138	B	.25	2	Mono, economy, white plastic, N/C switch without spring	.36	.28	.25
16PJ136	C	.25	2	Mono, economy, fully enclosed black plastic, N/C switch	.31	.24	.22
Stereo							
161-3502	K	.25	1	Stereo, with knurled nut, black plastic, solder term, open circuit	.83	.64	.58
161-3402	B	.25	1	Stereo, with knurled nut, black plastic, open circuit	.43	.33	.30

PCB Mount

*With threaded bushing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
* 161-3100	L	.25	2	Mono, blk. plastic, knurled dress nut, N/C switch, thd. bushing	.84	.63	.57
161-3112	L	.25	2	Mono, hi-rel with N/C switch, unthreaded bushing	.73	.56	.51
161-3505	M	.25	2	Mono, hi-rel, black plastic, closed circuit	.87	.67	.61
16PJ528	N	.31	2	Mono, Hi-rel, black plastic housing, N/C switch	.74	.54	.49
* 161-3101	O	.25	2	Mono, hi-rel, enclosed plastic housing, N/C switch, includes knurled nut	.72	.53	.48
Stereo							
16PJ108	P	.25	4	Stereo, hi-rel, black plastic housing, closed circuit	1.43	1.09	.99
* 161-3499	Q	.25	5	Stereo, hi-rel, black plastic, 2-SPST N/C switch, with nut	1.57	1.21	1.10
* 161-3500	Q	.25	4	Stereo, hi-rel, black plastic, 1-SPST N/C switch, with nut	1.43	1.09	.99
* 161-3501	Q	.25	1	Stereo, hi-rel, black plastic, open circuit, with nut	1.15	.89	.81
161-3503	R	.25	7	Stereo, hi-rel, 2-SPST N/C switches plus 1-SPDT switch	1.50	1.26	1.14
161-3504	S	.25	5	Stereo, hi-rel, 2-SPST N/C switches	.87	.67	.61

In-Line

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
16PJ225	I	---	3	Mono, hi-rel, black PVC molded handle with strain relief	.88	.68	.61
161-3200	T	---	3	Mono, hi-rel, shielded handle with black strain relief	1.47	1.23	1.11
16PJ119	J	---	3	Mono, hi-rel, black plastic handle	.83	.60	.55
Stereo							
16PJ106	I	---	1	Stereo, hi-rel, black PVC molded handle with strain relief	1.36	1.06	.96
161-3300	T	---	1	Stereo, hi-rel, shielded with black strain relief	1.37	1.14	1.04

Phono Jacks and 1/4" Phone Jacks

PHONO JACKS

Chassis Mount

* With insulating nylon washers

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
16PJ050	A	Mounted on phenolic disc	.70	.51	.46	
16PJ612	B	2 screw terminals and 1 RCA phono jack	1.14	.99	.90	
16PJ512	C	Dual RCA phono jack	.74	.56	.52	Call For Quote
16PJ514	D	Quadruple RCA jack	1.25	.96	.87	
16PJ051	E	Press-in mounting jack	.62	.41	.37	
161-4003	F	Gold plated grounded black insulator	1.92	1.60	1.45	
16PJ052	F	Nickel plated grounded black insulator	.75	.55	.50	
161-1002	F	Nickel plated grounded red insulator	.75	.55	.50	
161-1004	F	Nickel plated grounded white insulator	.75	.55	.50	
161-1005	F	Nickel plated grounded yellow insulator	.75	.55	.50	
* 161-2001	F	Nickel plated grounded green insulator	1.04	.81	.73	
* 161-2002	F	Nickel plated grounded red insulator	1.04	.81	.73	
* 161-2003	F	Nickel plated grounded black insulator	1.04	.81	.73	Call For Quote
16PJ035	G	Rear mounting, grounded jack	1.49	1.24	1.13	
164-4215	H	Front mounting, grounded jack	1.12	1.02	.93	
161-4202	I	Front mounting gold plated, grounded	2.48	2.07	1.88	
161-1052	J	Front mounting 9mm hex base	.88	.67	.61	

PCB Mount

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
161-4214	K	90° nickel plated white ABS insulator	.68	.45	.41	
161-4215	K	90° nickel plated red ABS insulator	.67	.45	.45	
161-4216	K	90° nickel plated black phenolic insulator	.69	.46	.42	
161-4217	K	90° gold plated gold phenolic insulator	1.14	.87	.80	Call For Quote
16PJ092	L	Jack for printed circuit board	.70	.47	.43	
16PJ097	M	Non-switched PC mount jack	.76	.54	.49	
16PJ063	N	Jack for printed circuit board	.87	.63	.58	
161-0164	N	PCB mount nickel plated	.53	.36	.33	
16PJ396	M	Switched PC mount jack	1.25	.96	.87	
534-577	O	Jack for printed circuit board	1.37	1.14	.95	
161-4218	P	Horizontally mounted dual phono jack with red/white insulator	.90	.69	.63	
161-4219	Q	Vertically mounted dual phono jack with red/white insulator	.90	.69	.63	

In-Line

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
161-0103	R	In-line jack, black plastic	.61	.40	.37	
161-0110	R	In-line jack, red plastic	.61	.40	.37	
16PJ150	S	In-line jack, shielded	.83	.60	.55	Call For Quote
164-4214	T	In-line, shielded, nickel plated brass	2.20	1.69	1.54	
161-4201	U	In-line, shielded, nickel plated brass with spring strain relief	3.10	2.58	2.35	
161-4356	V	In-line phono jack, red ID ring	.62	.41	.37	
161-4357	V	In-line phono jack, white ID ring	.62	.41	.37	
161-4358	V	In-line phono jack, yellow ID ring	.62	.41	.37	
161-4359	V	In-line phono jack, black ID ring	.62	.41	.37	
161-4203	W	Gold finish • Anodized aluminum body • Gold plated contacts • Designed for RG-59 cable	4.94	4.55	4.11	

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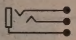

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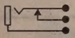

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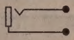

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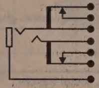

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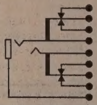

1/4" JACKS

- Available in several configurations; one is just right for your application
- Jacks come in 3 wire (stereo) and 2 wire (mono) versions, with and without switches
- Switches have plated contacts for low resistance
- Enclosed versions for dusty environments

Chassis Mount

* Threaded plastic bushing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mtg. Hole (mm)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
16PJ023	X	9	3	Mono, open circuit, enclosed	1.09	.84	.76
* 16PJ085	X	11	2	Mono with switch, N/C enclosed	1.41	1.18	1.07
16PJ020	Y	9	2	Mono with switch, N/C	1.22	1.02	.92
16PJ022	Z	9	3	Mono, open circuit	.99	.76	.69
Stereo							
16PJ080	AA	9	1	Stereo, open circuit	1.39	1.16	1.05
16PJ081	X	9	1	Stereo, open circuit, enclosed	1.27	.98	.89
16PJ083	X	9	4	Stereo, 2-SPST N/C, enclosed	1.62	1.35	1.23
* 16PJ086	X	11	4	Stereo, 2-SPST N/C, enclosed	1.90	1.58	1.44
16PJ084	X	9	5	Stereo, DPDT N/C, enclosed	2.13	1.77	1.61
* 16PJ087	X	11	5	Stereo, DPDT N/C	2.04	1.70	1.55

PCB Mount

MOUSER STOCK NO.	Fig.	Mtg. Hole (mm)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
* 16PJ500	BB	12	2	Mono, PCB with switch, N/C enclosed	1.50	1.25	1.13
Stereo							
* 16PJ509	BB	12	1	Stereo, open circuit, enclosed	1.51	1.26	1.15

In-Line

MOUSER STOCK NO.	Fig.	Mtg. Hole (mm)	Ckt. Dia	Description	Price Each 1	10	100
Mono							
161-1200	CC	---	3	Mono, shielded with black strain relief	2.91	2.43	2.21
161-1203	DD	---	3	Mono with black strain relief	1.36	1.14	1.03
Stereo							
16PJ226	EE	---	1	Stereo, open circuit	1.29	1.08	.98
161-1300	CC	---	1	Stereo, shielded with black strain relief	3.16	2.63	2.39
161-1303	DD	---	1	Stereo with black strain relief	1.47	1.23	1.11

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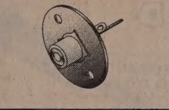

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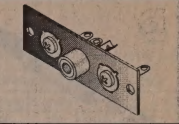

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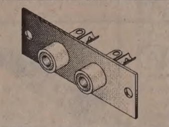

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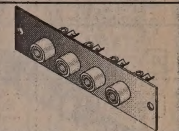

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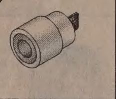

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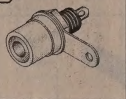

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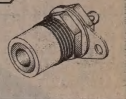

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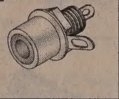

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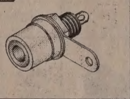

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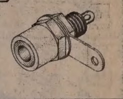

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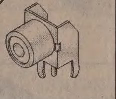

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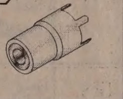

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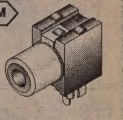

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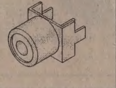

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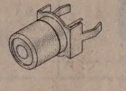

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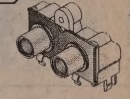

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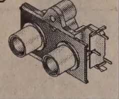

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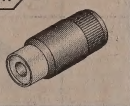

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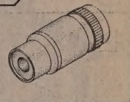

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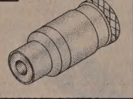

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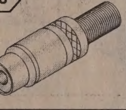

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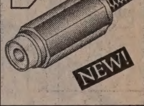

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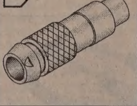

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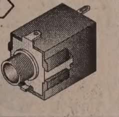

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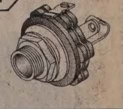

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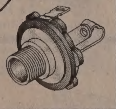

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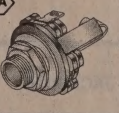

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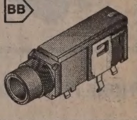

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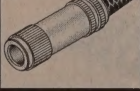

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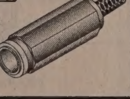

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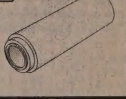

1/4" Phone Plugs and Adaptors

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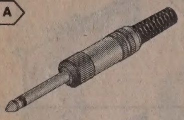

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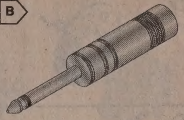

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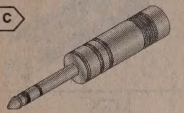

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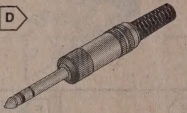

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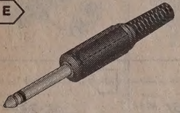

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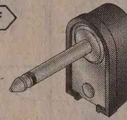

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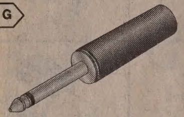

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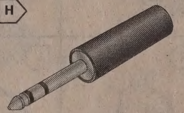

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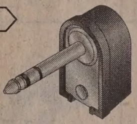

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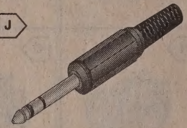

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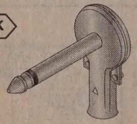

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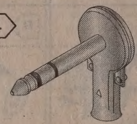

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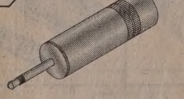

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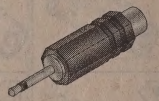

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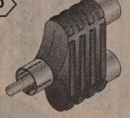

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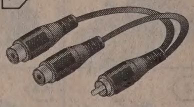


1/4" PLUGS

Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
Mono						
171-1200	A	Mono, metal body with red srain relief	2.49	2.07	1.89	Call For Quote
171-1201	A	Mono, metal body with black strain relief	2.49	2.07	1.89	
171-1202	A	Mono, metal body with gray strain relief	2.49	2.07	1.89	
17PP056	B	Mono, metal body	1.71	1.42	1.29	
Stereo						
17PP054	C	Stereo, metal body	2.33	1.94	1.76	
171-1300	D	Stereo, metal body with red strain relief	3.03	2.52	2.30	
171-1301	D	Stereo, metal body with black strain relief	3.03	2.52	2.30	
171-1302	D	Stereo, metal body with gray strain relief	3.03	2.52	2.30	

Non-Shielded

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
Mono						
171-1203	E	Mono, red plastic body	1.21	.93	.84	Call For Quote
171-1204	E	Mono, black plastic body	1.24	.93	.84	
171-1205	E	Mono, gray plastic body	1.24	.93	.84	
17PP057	F	Mono, black plastic body, right angle	1.62	1.35	1.22	
17PP201	G	Mono, red plastic body	1.09	.84	.76	
17PP202	G	Mono, black plastic body	1.21	1.01	.92	
Stereo						
17PP080	H	Stereo, black plastic body	.99	.74	.69	
17PP071	I	Stereo, black plastic body, right angle	2.51	2.09	1.90	
171-1303	J	Stereo, red plastic body	1.70	1.42	1.29	
171-1304	J	Stereo, black plastic body	1.70	1.42	1.29	
171-1305	J	Stereo, gray plastic body	1.70	1.42	1.29	

1/4" RIGHT ANGLE PLUGS

- All metal construction
- Nickel plated finish
- Standard 1/4" (6.3mm) plug
- Two and three conductor types

MOUSER STOCK NO.	Fig.	Switchcraft Type	Description	Price Each 1	10	100	500
171-1206	K	228	2-conductor 1/4" phone plug	1.21	.90	.82	Call
171-1306	L	238	3-conductor 1/4" phone plug	1.80	1.50	1.36	

ADAPTORS

For quantities greater that listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
17AP153	M	Hi-rel adaptor, 2.5mm mono plug to 1/4" mono jack, metal handle	1.21
17AP156	N	Hi-rel adaptor, 3.5mm mono plug to RCA phono jack, plastic handle	2.22

PHONO Y-ADAPTORS

Specifications:

- Body material: PVC plastic
- Contact material: nickel plated brass
- Insulation material: ABS plastic
- Insulation resistance: 100MΩ (min.)
- Contact resistance: 30mΩ (max.)
- Breakdown voltage: 500 VAC 1 min.

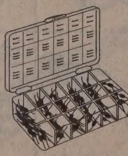
MOUSER STOCK NO.	Fig.	Description	Price Each
161-4200	O	Phono adaptor 1 plug to 2 jacks	2.89

MOUSER STOCK NO.	Fig.	Description	Price Each
556-4010	P	Standard RCA plug to 2 RCA jacks	1.58

PHONE PLUG AND JACK KITS

Each Kit Contains:

- Stereo and mono
- Shielded and non-shielded
- 2 sizes for most applications



See pages 93 and 94 for items listed in these kits.

For quantities greater that listed, call for quote.

MOUSER STOCK NO.	Kit Contains	Price Each
370-161-1	5 each of 3.5mm jacks: 161-3101, 16PJ012, 16PJ528, 161-3502 5 each of 3.5mm plugs: 171-1041, 17PP004, 17PP047, 171-3301	39.95
370-161-2	5 each of 2.5mm jacks: 161-2501, 161-2502, 16PJ090, 16PJ100, 16PJ128, 161-3307 5 each of 2.5mm plugs: 171-3304, 171-3305, 171-3306	39.95

DC Power Jacks and Plugs

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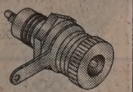

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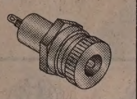

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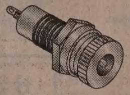

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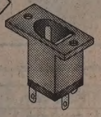

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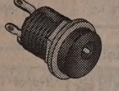

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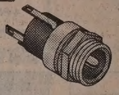

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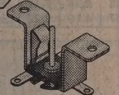

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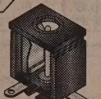

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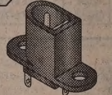

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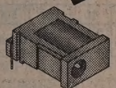

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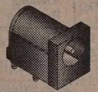

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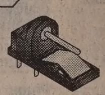

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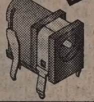

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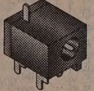

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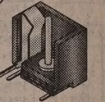

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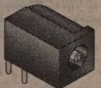

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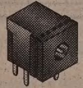

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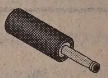

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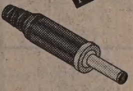

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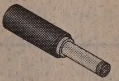

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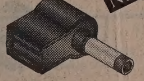

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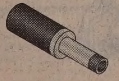

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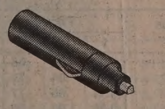

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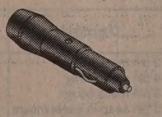

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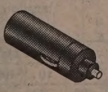

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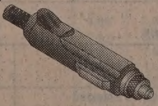


DC POWER JACKS

Most feature phosphor bronze springs, brass pins, and terminals.

Chassis/Panel Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Mating Plg. O.D. (mm)	Center Pin		Price Each		
				D (mm)	L (mm)	1	10	100
163-4001	A	1.0mm, all metal housing	3.0mm	.95	5.0	2.48	2.07	1.88
163-4013	A	1.3mm, all metal housing	3.4mm	1.2	5.0	2.48	2.07	1.88
163-4300	D	2.1mm, molded with NC switch	5.5mm	2.0	7.5	1.17	.90	.82
163-4302	E	2.1mm, round plastic with NC switch	5.5mm	2.0	9.0	1.62	1.37	.95
163-4304	F	2.1mm, split pin with NC switch	5.5mm	2.0	8.0	1.61	1.34	1.22
163-4021	B	2.1mm, metal	5.5mm	2.0	7.5	2.48	2.07	1.88
163-4022	C	2.1mm, metal, 1" bushing	5.5mm	2.0	7.5	4.52	3.76	3.42
16PJ122	G	2.1mm, open metal frame with NC switch	5.5mm	2.0	8.0	1.20	.92	.84
163-2101	H	2.1mm, open plastic frame with NC switch	5.5mm	2.0	12.1	1.11	.85	.77
16PJ222	I	2.1mm, molded, standard with NC switch	5.5mm	2.0	7.2	.84	.60	.54
16PJ723	I	2.1mm, molded, economy with NC switch	5.5mm	2.0	7.2	.50	.33	.30
163-4301	D	2.5mm, molded with NC switch	5.5mm	2.35	7.5	1.17	.90	.82
163-4303	E	2.5mm, round plastic with NC switch	5.5mm	2.35	9.0	1.62	1.37	.95
163-4305	F	2.5mm, split pin with NC switch	5.5mm	2.35	8.0	1.61	1.34	1.22
163-4025	B	2.5mm, metal	5.5mm	2.35	7.5	2.48	2.07	1.88
163-4026	C	2.5mm, metal, 1" bushing	5.5mm	2.35	7.5	4.52	3.76	3.42
16PJ121	G	2.5mm, open metal frame with NC switch	5.5mm	2.35	8.0	1.20	.92	.84
163-2501	H	2.5mm, open plastic frame with NC switch	5.5mm	2.35	12.1	1.15	.89	.81
16PJ221	I	2.5mm, molded with NC switch	5.5mm	2.35	7.2	.84	.60	.54

PC Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Mating Plg. O.D. (mm)	Center Pin		Price Each		
				D (mm)	L (mm)	1	10	100
163-4312	J	0.7mm, molded with PC pins and N/C switch	2.35mm	0.65	8.2	1.27	.98	.89
161-100	K	1.0mm, molded with PC pins and NC switch	3.0mm	.95	5.0	1.02	.78	.71
163-0200	L	1.0mm, PCB open frame with PC pins and NC switch	3.0mm	.95	6.35	1.01	.56	.51
161-201	K	1.3mm, molded with PC pins and NC switch	3.4mm	1.2	5.0	1.12	.86	.78
16PJ200	L	1.3mm, PC mount with PC pins and NC switch	3.4mm	1.2	5.0	.80	.60	.54
163-4310	M	1.7mm, molded with snap mount, PC pins, and N/C switch	4.0mm	1.6	8.5	1.13	.87	.79
163-4311	M	1.7mm, molded with snap mount, PC pin, and N/C switch	4.75mm	1.6	8.5	1.13	.87	.79
16PJ031	K	2.1mm, molded with PC tabs and NC switch	5.5mm	2.0	9.0	.74	.49	.45
16PJ093	N	2.1mm, molded with PC tabs and NC switch	5.5mm	2.0	7.5	.87	.63	.58
16PJ101	O	2.1mm, molded with PC pins and NC switch	5.5mm	2.0	5.0	1.01	.78	.71
161-3140	P	2.1mm, molded w/2-SPDT switches with PC tabs	5.5mm	2.35	7.5	2.20	1.83	1.66
16PJ032	K	2.5mm, molded with PC tabs and NC switch	5.5mm	2.35	9.0	.75	.53	.48
16PJ223	O	2.5mm, molded with PC pins and NC switch	5.5mm	2.35	5.0	1.01	.78	.71
163-4314	Q	2.5mm, molded w/2-SPDT switches and PC tabs	5.5mm	2.35	7.5	2.37	1.98	1.80

DC POWER PLUGS

Solder Terminals

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-3218	S	Barrel 0.7mm x 2.35mm x 8.9mm, black	1.27	1.07	.97	Call For Quote
171-100	S	Barrel 1.0mm x 3.0mm x 8.9mm, black with relief	1.28	.98	.89	
171-3223	U	Barrel 1.1mm x 3.0mm x right ang., black	1.24	.95	.86	
1710-1311	R	Barrel 1.3mm x 3.4mm x 9.1mm, black	.86	.67	.61	
1710-1321	S	Barrel 1.3mm x 3.4mm x 9.1mm, black with relief	.84	.65	.59	
17PP200	R	Barrel 1.3mm x 3.4mm x 8.9mm, black	1.16	.89	.81	
171-3210	S	Barrel 1.3mm x 3.4mm x 8.9mm, black with relief	1.16	.89	.81	
171-3224	U	Barrel 1.3mm x 3.4mm x right ang., black	1.24	.95	.86	
171-3219	S	Barrel 1.7mm x 4.0mm x 8.9mm, black	1.24	.95	.86	
171-3220	S	Barrel 1.7mm x 4.75mm x 8.9mm, black	1.24	.95	.86	
171-3221	U	Barrel 1.7mm x 4.0mm x right ang., black	1.23	1.03	.93	
171-3222	U	Barrel 1.7mm x 4.75mm x right ang., black with white tip	1.23	1.03	.93	
1710-2111	T	Barrel 2.1mm x 5.5mm x 14.0mm, black	.70	.47	.43	Call For Quote
17PP049	T	Barrel 2.1mm x 5.5mm x 14.0mm, black	.80	.63	.57	
1710-2122	T	Barrel 2.1mm x 5.5mm x 14.0mm, gray	.66	.44	.40	
171-3214	T	Barrel 2.1mm x 5.5mm x 14.0mm, gray	.82	.63	.57	
171-3215	U	Barrel 2.1mm x 5.5mm, right angle, black	.88	.68	.62	
171-3217	S	Barrel 2.1mm x 5.5mm x 8.9mm, black with relief	1.23	.94	.86	
1710-2131	T	Barrel 2.1mm x 5.5mm x 9.9mm, black	.62	.40	.37	
1710-2142	T	Barrel 2.1mm x 5.5mm x 9.9mm gray	.62	.40	.37	
17PP121	V	Barrel 2.1mm x 5.5mm x 9.4mm, black	.70	.55	.50	
17PP122	V	Barrel 2.1mm x 5.5mm x 9.4mm, gray	.70	.55	.50	
171-3216	U	Barrel 2.5mm x 5.5mm, right angle, black	.88	.68	.62	
1710-2512	T	Barrel 2.5mm x 5.5mm x 9.9mm, gray	.62	.40	.37	
1710-2521	T	Barrel 2.5mm x 5.5mm x 9.9mm, black	.62	.40	.37	
17PP070	V	Barrel 2.5mm x 5.5mm x 9.4mm, gray	.70	.55	.50	
171-0701	V	Barrel 2.5mm x 5.5mm x 9.4mm, black	.71	.55	.50	
171-0702	S	Barrel 2.5mm x 5.5mm x 8.9mm, black with relief	1.23	.94	.86	
1710-2531	T	Barrel 2.5mm x 5.5mm x 14.0mm, black	.71	.47	.43	
17PP109	T	Barrel 2.5mm x 5.5mm x 14.0mm, black	.81	.63	.57	

AUTO POWER PLUGS

- Plugs directly into cigarette lighter

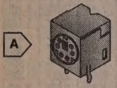
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
17PC600	W	Standard black plastic, unscrews for easy soldering	.83	.63	.57	Call For Quote
17PP002	X	Accepts 1/4" x 1" or 1/4" x 1 1/4" fuse	1.70	1.41	1.29	
17PP078	Y	Standard black plastic, unscrews for easy soldering	1.30	1.08	.98	
171-3400	Z	Plug with fuse and green LED indicator	2.49	2.25	2.05	

Mini-DIN and DIN Connectors

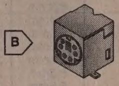
AMP SHIELDED MINIATURE CIRCULAR DIN CONNECTORS

Features:
- Compact size
- Choice of 4, 6, or 8 pin
- PCB, SMD, or panel mounting
- Integral one piece shield
- Connector hold-downs

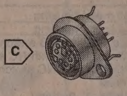
Specifications:
- Housing: 94V-0 thermoplastic
- Contacts: phosphor bronze with .00030 gold flash in contact area
- Recommended PC board thickness: .062"



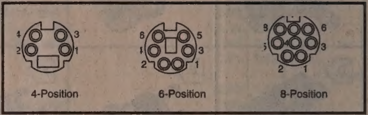
PCB with hold-down



Surface Mount



Panel Mount



Right Angle PCB

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	50	100	500
571-749181-1	A	4	3.56	2.54	2.04	Call For Quote
571-749180-1	A	6	3.81	2.72	2.35	
571-749179-1	A	8	4.06	2.90	2.48	

Right Angle SMD

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	50	100	500
571-750707-1	B	4	4.12	2.92	2.36	Call For Quote
571-750709-1	B	6	4.39	3.13	2.51	
571-750711-1	B	8	4.68	3.36	2.68	

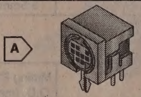
Panel Mount

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	50	100	500
571-750319-2	C	4	5.38	3.84	2.95	Call For Quote
571-750131-2	C	6	5.66	4.04	3.11	
571-750340-2	C	8	5.87	4.19	3.22	

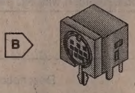
MINI-DIN CONNECTORS

Features:
- Compact miniature design
- Ideal for I/O connector applications
- Versatile right angle PCB mounting
- Available 3-9 contact positions

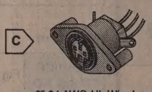
Specifications:
- Voltage rating: 100VAC
- Current rating: 1 amp
- Insulation resistance: 50MΩ
- Breakdown voltage: 250VAC
- Contact resistance: 30MΩ



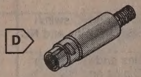
Shielded Face

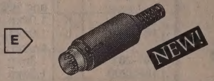


Shielded



8" 24 AWG UL Wire Leads





Solder Cup Contacts

Panel Mount Unshielded Jacks

MOUSER STOCK NO.	Fig.	Contact Positions	Price Each 1	10	100	500
161-2103	C	3 pin	2.49	2.11	1.92	Call
161-2104	C	4 pin	2.69	2.25	2.04	

Plugs

MOUSER STOCK NO.	Fig.	Contact Positions	Price Each 1	10	100	500
171-2503	D	3 pin	1.09	.84	.76	Call For Quote
171-2504	D	4 pin	1.13	.87	.80	
171-2506	D	6 pin	1.25	.96	.87	
171-2508	D	8 pin	1.43	1.10	1.00	
171-2409	D	9 pin	2.09	1.74	1.58	
171-2603	E	3 pin	1.00	.77	.70	
171-2604	E	4 pin	1.06	.81	.74	
171-2606	E	6 pin	1.21	.92	.84	
171-2608	E	8 pin	1.23	1.03	.93	
171-2609	E	9 pin	2.09	1.74	1.58	

PCB Shielded Jacks

MOUSER STOCK NO.	Fig.	Contact Positions	Price Each 1	10	100	500
161-2203	A	3 pin	1.43	1.19	1.08	Call For Quote
161-2204	A	4 pin	1.46	1.22	1.11	
161-2205	A	5 pin	1.52	1.27	1.16	
161-2206	A	6 pin	1.60	1.33	1.21	
161-2207	A	7 pin	1.76	1.46	1.33	
161-2208	A	8 pin	1.82	1.52	1.39	
161-2209	A	9 pin	2.29	1.91	1.74	

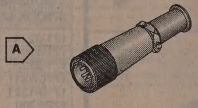
PCB Shielded Jacks

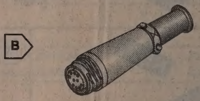
MOUSER STOCK NO.	Fig.	Contact Positions	Price Each 1	10	100	500
161-2303	B	3 pin	1.55	1.29	1.18	Call For Quote
161-2304	B	4 pin	1.60	1.33	1.21	
161-2305	B	5 pin	1.65	1.38	1.25	
161-2306	B	6 pin	1.73	1.44	1.31	
161-2307	B	7 pin	1.90	1.58	1.43	
161-2308	B	8 pin	1.96	1.63	1.49	
161-2309	B	9 pin	2.49	2.04	1.86	

CIRCULAR CONNECTORS

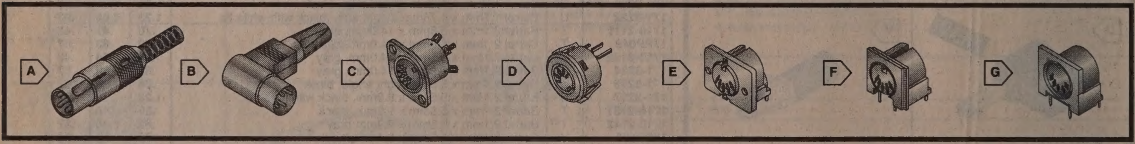
Features:
- 10 pin in-line video connectors designed for video tape recorders
- Metal body
- Strain relief

MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Price Each 1	10	100	500
161-5820	A	10 pin plug	- - -	9.75	8.13	7.39	Call
171-5830	B	10 pin jack	- - -	7.45	6.80	6.20	





DIN CONNECTORS



DIN Plugs

MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Color	Price Each 1	10	100	500
17PP075	A	3 pin with strain relief	180°	Gray	1.19	.89	.81	Call For Quote
17DN100	A	5 pin with strain relief	180°	Gray	1.28	.99	.90	
17DN101	A	5 pin with strain relief	180°	Black	1.28	.99	.90	
17PP048	A	6 pin with strain relief	240°	Gray	1.57	1.31	1.19	

DIN Receptacles

MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Price Each 1	10	100	500
16PJ102	C	3 pin metal body	180°	.97	.71	.65	Call For Quote
161-4701	C	4 pin metal body	216°	1.10	.84	.77	
16DN100	C	5 pin metal body	180°	1.11	.85	.77	
16PJ369	D	5 pin snap-in panel mount	180°	2.38	1.98	1.80	
161-0503	E	5 pin rt angle PCB mount	180°	.93	.71	.65	
16PJ224	C	6 pin metal body	240°	1.08	.83	.75	

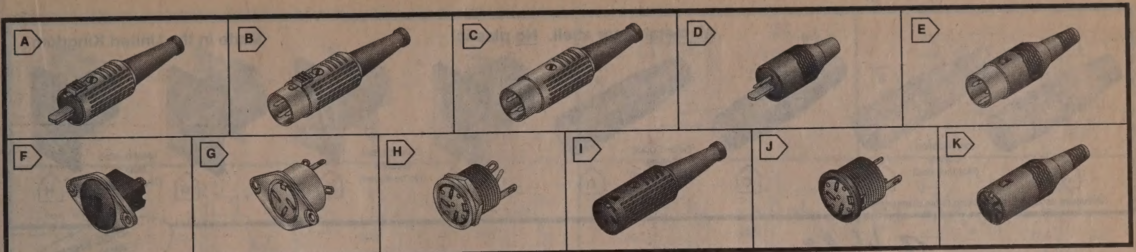
Right Angle DIN Plugs

MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Price Each 1	10	100	500
171-1031	B	3 pin with strain relief	180°	1.22	.94	.86	Call
171-1051	B	5 pin with strain relief	180°	1.31	1.09	.99	

PCB DIN Receptacles

MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Price Each 1	10	100	500
161-0504	F	5 pin unshielded	180°	.96	.80	.62	Call
161-0505	G	5 pin shielded	180°	1.10	.92	.71	

DIN and XLR Connectors



PROFESSIONAL DIN CONNECTORS

Features:
- Fully shielded housing
- Suitable for audio/instrumentation applications

Specifications:
- Voltage rating: 100V
- Current rating: 4A
- Contact resistance: <2mΩ
- Temperature range: -25°C to +70°C

DIN Plugs Matte Chrome Finish

MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Price Each			
				1	10	100	500
17HR592	A	2 pin shielded	N/A	3.49	2.90	2.64	Call For Quote
17HR593	B	3 pin lockable, male	180°	3.10	2.67	2.43	
17HR595	B	5 pin lockable, male	180°	3.55	3.07	2.79	
17HR598	B	8 pin lockable, male	270°	4.57	3.81	3.47	
17HR613	C	3 pin male	180°	2.12	1.68	1.51	
17HR615	C	5 pin male	180°	2.23	1.83	1.66	
17HR618	C	8 pin male	270°	3.36	2.80	2.54	

DIN Plugs Matte Black Finish

174-2312	B	3 pin lockable male	180°	3.40	2.84	2.58	Call For Quote
174-2512	B	5 pin lockable male	180°	3.90	3.25	2.96	
174-2311	C	3 pin male	180°	2.28	1.90	1.73	
174-2411	C	4 pin male	180°	2.93	2.44	2.22	
174-2511	C	5 pin male	180°	2.41	2.01	1.83	
174-2611	C	6 pin male	240°	2.55	2.12	1.93	

DIN Plugs PVC Molded Body

17HR802	D	2 pin male	N/A	.69	.55	.50	Call For Quote
17HR803	E	3 pin male	180°	.81	.62	.56	
17HR804	E	4 pin male	180°	.93	.74	.68	
17HR805	E	5 pin male	180°	1.05	.87	.79	
17HR806	E	6 pin male	240°	1.25	1.04	.94	
17HR808	E	8 pin male	270°	1.45	1.21	1.10	

DIN Receptacles Matte Chrome Finish

MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Price Each			
				1	10	100	500
16HR632	F	2 pin chassis	N/A	1.56	1.22	1.11	Call For Quote
16HR633	G	3 pin chassis	180°	1.99	1.67	1.52	
16HR634	G	4 pin chassis	180°	2.49	2.08	1.89	
16HR635	G	5 pin chassis	180°	2.30	1.92	1.74	
16HR636	G	6 pin chassis	240°	2.59	2.13	1.94	
16HR638	G	8 pin chassis	270°	3.19	2.61	2.37	
16HR653	H	3 pin chassis	180°	3.99	3.33	3.02	
16HR654	H	4 pin chassis	180°	4.39	3.67	3.33	
16HR655	H	5 pin chassis	180°	4.05	3.37	3.07	
16HR656	H	6 pin chassis	240°	4.31	3.59	3.27	
16HR658	H	8 pin chassis	270°	4.89	4.06	3.69	

DIN Receptacles Matte Black

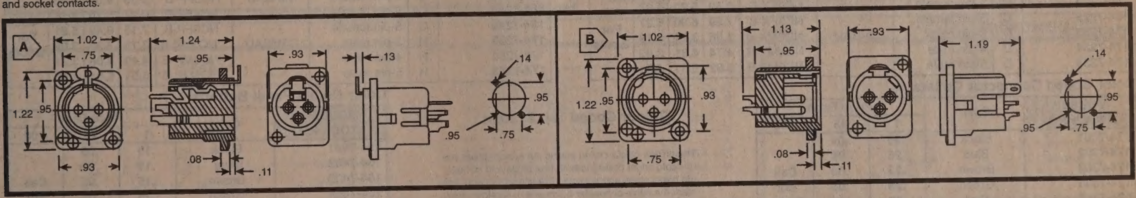
164-2313	I	3 pin female	180°	2.90	2.42	2.20	Call For Quote
164-2513	I	5 pin female	180°	3.11	2.59	2.36	
164-2321	G	3 pin female	180°	1.99	1.67	1.57	
164-2421	G	4 pin female	180°	2.66	2.22	2.02	
164-2521	G	5 pin female	180°	2.47	2.06	1.87	
164-2322	H	3 pin female	180°	4.13	3.44	3.13	
164-2522	H	5 pin female	180°	4.19	3.49	3.19	
164-2331	J	3 pin PCB	180°	3.13	2.61	2.37	
164-2431	J	4 pin PCB	180°	3.20	2.67	2.43	
164-2531	J	5 pin PCB	180°	3.66	3.06	2.77	
164-2345	Hex mntg. nut for 164-2331, 164-2431, 164-2531			.49	- - -	.42	

DIN Receptacles PVC Molded Body

17HR813	K	3 pin jack	180°	1.31	1.10	.98	Call
17HR815	K	5 pin jack	180°	1.49	1.24	1.09	

DELTRON UNIVERSAL PANEL MOUNT XLR CONNECTORS

This series of panel mount audio connectors are completely interchangeable with all leading manufacturers of XLR's including panel cut-outs. The panel cutouts aré the same for both plug and socket versions. This series allows the user to mount from either the front or rear of the panel. Generous solder buckets enable easier cable assembly, especially for those larger conductor sizes. Connectors are available in nickel and black chrome finish with either silver or gold pin and socket contacts.



Features:
- Universal industry panel cut-outs
- Front or rear mounting option
- Choice of nickel or black chrome finish
- Silver or 0.5 micron gold contacts

Specifications:
- Current rating per contact: 3C = 16amp., 4C = 10amp., 5C = 7.5amp.
- Voltage rating: 250VAC
- Contact resistance: < 3mΩ
- Maximum wire gauge: 3C = 12AWG, 4C = 16AWG, 5C = 18AWG

Non-Reflective Nickel Finish

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	50	100
Silver contacts						
164-7163	A	3-Pin Female	4.52	4.11	3.74	Call For Quote
164-7164	A	4-Pin Female	6.06	5.50	5.00	
164-7165	A	5-Pin Female	7.32	6.66	6.05	
174-7173	B	3-Pin Male	4.03	3.66	3.33	
174-7174	B	4-Pin Male	5.86	5.32	4.84	
174-7175	B	5-Pin Male	7.65	6.96	6.33	
Gold Contacts						
164-72203	A	3-Pin Female	5.96	5.41	4.92	Call For Quote
164-72204	A	4-Pin Female	7.52	6.84	6.22	
164-72205	A	5-Pin Female	8.72	7.93	7.21	
174-72303	B	3-Pin Male	4.92	4.48	4.07	
174-72304	B	4-Pin Male	6.79	6.17	5.61	
174-72305	B	5-Pin Male	8.55	7.77	7.07	

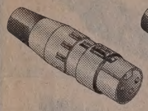
Non-Reflective Black Chrome Finish

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	50	100
Silver contacts						
164-7183	A	3-Pin Female	4.53	4.11	3.74	Call For Quote
164-7184	A	4-Pin Female	6.06	5.51	5.00	
164-7185	A	5-Pin Female	7.32	6.66	6.05	
174-7193	B	3-Pin Male	4.03	3.66	3.33	
174-7194	B	4-Pin Male	5.86	5.32	4.84	
174-7195	B	5-Pin Male	7.65	6.96	6.33	
Gold Contacts						
164-72403	A	3-Pin Female	5.96	5.41	4.92	Call For Quote
164-72404	A	4-Pin Female	7.52	6.84	6.22	
164-72405	A	5-Pin Female	8.72	7.93	7.21	
174-72503	B	3-Pin Male	4.92	4.48	4.07	
174-72504	B	4-Pin Male	6.79	6.17	5.61	
174-72505	B	5-Pin Male	8.55	7.74	7.07	

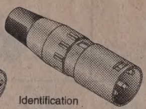
DGS PRO-AUDIO DELTRON Broadcast Quality XLR Connectors

All metal outer shell. No plastic!

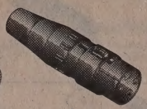
Made in the United Kingdom

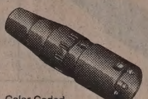


Screwless assembly, self-locking cable clamping collet

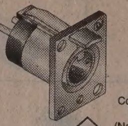


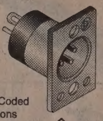
Identification Collars (Not Included)



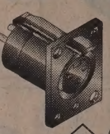


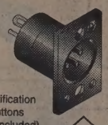
Color Coded Collars (Not Included)





Color Coded Buttons (Not Included)





Identification Buttons (Not Included)

SPEC SHEETS AVAILABLE, PLEASE CALL!

The World's ~~EUROPE'S~~ MOST ADVANCED AUDIO VIDEO MULTIPOLE CONNECTOR SYSTEM

- Screwless assembly
- Die-Cast body parts (no plastic)
- Flexible colour coding systems
- Unique "squeeze" clip
- Assembly and disassembly is a quick few turns of the barrel: No fiddle screws. Inside there are generous sized solder buckets and a clever collet to ensure a very positive cable grip over a wide range of cable sizes.
- The female panel socket employs a unique squeeze clip which is very easy to use -- just squeeze down and pull back.

Non-Reflective Nickel Finish Cable Connectors

MOUSER STOCK NO.	Fig.	Connector Description	Industry Reference Number		Price Each			
					1	10	50	100
Silver Contacts								
164-7113	A	3-pin female	A3F	NC3FX	4.39	3.99	3.63	Call For Quote
164-7114	A	4-pin female	A4F	NC4FX	5.86	5.32	4.84	
164-7115	A	5-pin female	A5F	NC5FX	6.02	5.47	4.97	
174-7123	B	3-pin male	A3M	NC3MX	3.42	3.11	2.82	
174-7124	B	4-pin male	A4M	NC4MX	4.39	3.99	3.63	
174-7125	B	5-pin male	A5M	NC5MX	5.38	4.89	4.44	
Gold Contacts								
164-7123	A	3-pin female	Only DGS Pro Audio offers gold contacts		5.18	4.71	4.28	Call For Quote
164-7124	A	4-pin female			6.49	5.90	5.37	
164-7125	A	5-pin female			7.59	6.90	6.27	
174-7133	B	3-pin male			3.86	3.51	3.19	
174-7134	B	4-pin male			4.74	4.31	3.92	
174-7135	B	5-pin male			5.62	5.11	4.64	

Non-Reflective Black Chrome Finish Cable Connectors

MOUSER STOCK NO.	Fig.	Connector Description	Industry Reference Number		Price Each			
					1	10	50	100
Silver Contacts								
164-7213	C	3-pin female	A3FB	- - -	4.39	3.99	3.63	Call For Quote
164-7214	C	4-pin female	A4FB	- - -	5.86	5.32	4.84	
164-7215	C	5-pin female	A5FB	- - -	6.02	5.47	4.97	
174-7223	D	3-pin male	A3MB	- - -	3.42	3.11	2.82	
174-7224	D	4-pin male	A4MB	- - -	4.39	3.99	3.63	
174-7225	D	5-pin male	A5MB	- - -	5.38	4.89	4.44	
Gold Contacts								
164-7223	C	3-pin female	A3FBAU	NC3FX-B	5.18	4.71	4.28	Call For Quote
164-7224	C	4-pin female	- - -	NC4FX-B	6.49	5.90	5.37	
164-7225	C	5-pin female	- - -	NC5FX-B	7.59	6.90	6.27	
174-7233	D	3-pin male	A3MBAU	NC3MX-B	3.86	3.51	3.19	
174-7234	D	4-pin male	- - -	NC4MX-B	4.74	4.31	3.92	
174-7235	D	5-pin male	- - -	NC5MX-B	5.62	5.11	4.64	

Non-Reflective Nickel Finish Panel Receptacles

MOUSER STOCK NO.	Fig.	Connector Description	Industry Reference Number		Price Each			
					1	10	50	100
Silver Contacts								
164-7133	E	3-pin female	D3F	NC3FP	4.63	4.21	3.83	Call For Quote
164-7134	E	4-pin female	D4F	NC4FP	5.62	5.11	4.64	
164-7135	E	5-pin female	D5F	NC5FP	6.59	5.99	5.45	
174-7143	F	3-pin male	D3M	NC3MP	3.13	2.84	2.59	
174-7144	F	4-pin male	D4M	NC4MP	3.98	3.62	3.29	
174-7145	F	5-pin male	D5M	NC5MP	5.11	4.65	4.22	
Gold Contacts								
164-7143	E	3-pin female	Only DGS Pro Audio offers gold contacts		5.39	4.90	4.46	Call For Quote
164-7144	E	4-pin female			6.27	5.70	5.18	
164-7145	E	5-pin female			7.15	6.49	5.91	
174-7153	F	3-pin male			3.73	3.39	3.08	
174-7154	F	4-pin male			4.49	4.08	3.71	
174-7155	F	5-pin male			5.51	5.01	4.55	

Non-Reflective Black Chrome Finish Panel Receptacles

MOUSER STOCK NO.	Fig.	Connector Description	Industry Reference Number		Price Each			
					1	10	50	100
Silver Contacts								
164-7233	G	3-pin female	D3FB	- - -	4.63	4.21	3.83	Call For Quote
164-7234	G	4-pin female	D4FB	- - -	5.62	5.11	4.64	
164-7235	G	5-pin female	D5FB	- - -	6.59	5.99	5.45	
174-7243	H	3-pin male	D3MB	- - -	3.13	2.84	2.59	
174-7244	H	4-pin male	D4MB	- - -	3.98	3.62	3.29	
174-7245	H	5-pin male	D5MB	- - -	5.11	4.65	4.22	
Gold Contacts								
164-7243	G	3-pin female	D3FBAU	NC3FP-B	5.39	4.90	4.46	Call For Quote
164-7244	G	4-pin female	- - -	NC4FP-B	6.27	5.70	5.18	
164-7245	G	5-pin female	- - -	NC5FP-B	7.15	6.49	5.91	
174-7253	H	3-pin male	D3MBAU	NC3MP-B	3.73	3.39	3.08	
174-7254	H	4-pin male	- - -	NC4MP-B	4.49	4.08	3.71	
174-7255	H	5-pin male	- - -	NC5MP-B	5.51	5.01	4.55	

Color Coded Connector Collars *

MOUSER STOCK NO.	Color	Price Each		
		1	25	100
174-7301	Black	.25	.08	Call For Quote
174-7302	Blue	.25	.08	
174-7303	Brown	.25	.08	
174-7304	Green	.25	.08	
174-7305	Red	.25	.08	
174-7306	White	.25	.08	
174-7307	Yellow	.25	.08	
174-7308	Clear	.25	.08	

* 2 pieces required for complete collar assembly

Colour Coded Tab System

The unique colour coded plastic tab system gives you durable bright coding to both free plugs and sockets and panel plugs and sockets. Traditional systems only mark the cable connector by means of a colour strain relief boot and there is no foolproof way of marking panel mounted connectors.

Color Coded Panel Buttons

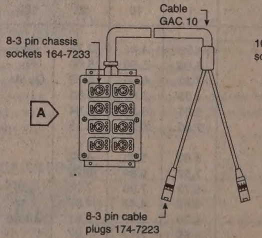
MOUSER STOCK NO.	Color	Price Each		
		1	25	100
164-7401	Black	.15	.05	Call For Quote
164-7402	Blue	.15	.05	
164-7403	Brown	.15	.05	
164-7404	Green	.15	.05	
164-7405	Red	.15	.05	
164-7406	White	.15	.05	
164-7407	Yellow	.15	.05	
164-7408	Clear	.15	.05	

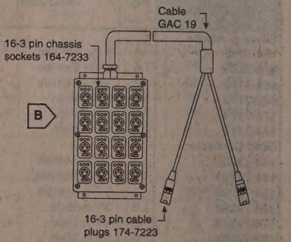
7000 SERIES STAGE BOXES

Prewired 8 or 16 position professional audio stage boxes for cabling between multiple microphones, amplifiers, and mixing consoles. The diecast aluminum box combines with super flexible double reussen, shielded Gotham cable, provides a high level of noise rejection, a characteristic of great importance to professional broadcasters.

Features:

- Diecast box with 3 pin XLR receptacles
- Super-flexible GAC 10 or GAC 19 Gotham Audio Cable
- Cables terminated with 3 pin male XLR connectors
- Cables and connectors color coded for easy identification
- Box and connectors are non-reflective black finish

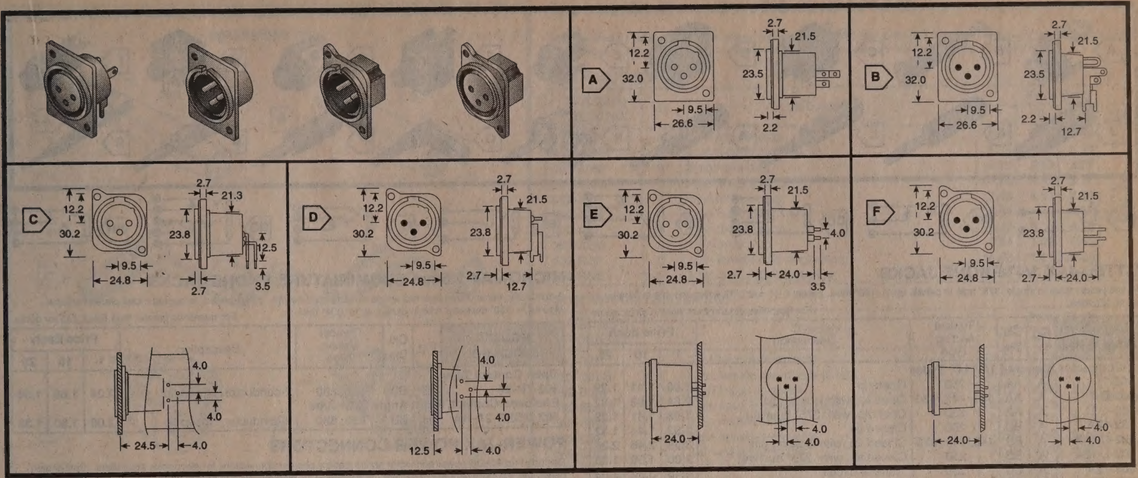

Cable GAC 10
8-3 pin chassis sockets 164-7233
A
8-3 pin cable plugs 174-7223


Cable GAC 19
16-3 pin chassis sockets 164-7233
B
16-3 pin cable plugs 174-7223

MOUSER STOCK NO.	Fig.	No. of 3-pin Receptacles	Cable Lth. (m)	Cable Conductors	Dimensions (In.)			Price Each
					Length	Width	Height	
164-7410	A	8	15	10	6.76	4.75	2.16	469.00
164-7420	B	16	15	19	8.92	5.76	2.16	886.00

Re'an Connectors

• ILLUSTRATION DIMENSIONS (mm)



NYLON XLR PANEL MOUNT STUDIO CONNECTORS

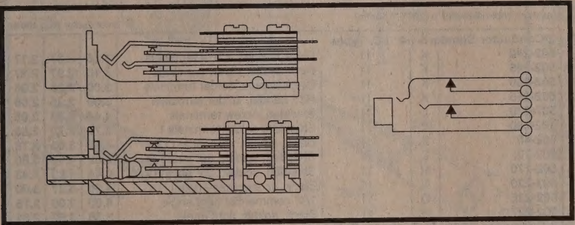
The XLR connectors manufactured by Re án (made in the United Kingdom), over the last several years, have firmly established themselves as offering exceptional value coupled with superb contact performance. The inherent cost advantages of flat pin contact technology are undisputed over older style pins. Their latest generation of XLR's now feature a new and much larger "shell" type contact. These new contacts offer performance improvements in higher current applications, like output circuits, especially where repeated insertions are typical.

Features:
- Body material: H. D. nylon
- Contact Material: nickel silver/silver

Electrical Specifications:
- Contact resistance: <0.10Ω
- Temperature range: 0°C to +70°C

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500
550-70601	A	3-pin male with solder terminals	1.58	1.49	1.44
550-70701	B	3-pin female with solder terminals	1.50	1.41	1.36
550-90601	C	3-pin male w/ rt. angle PCB terminals	1.58	1.49	1.44
550-90701	D	3-pin female with right angle PCB terminals	1.50	1.41	1.36
550-90101	E	3-pin male w/ straight PCB terminals	1.58	1.49	1.44
550-90201	F	3-pin female w/straight PCB terminals	2.22	2.09	2.02
550-50000	-	Re án XFIX-01 Quick release mounting screws	.07	.06	.058



DIECAST .173" STUDIO JACKS SOLDER TERMINALS

A brand new range of patch bay jacks designed by Re án to exceed the performance of the world's best. The exclusive precision die cast chassis eliminates flex and the chance of intermittent contact performance. Solid palladium contacts, welded to high grade nickel silver spring leaves for maximum contact pressure, provide the best possible electrical performance.

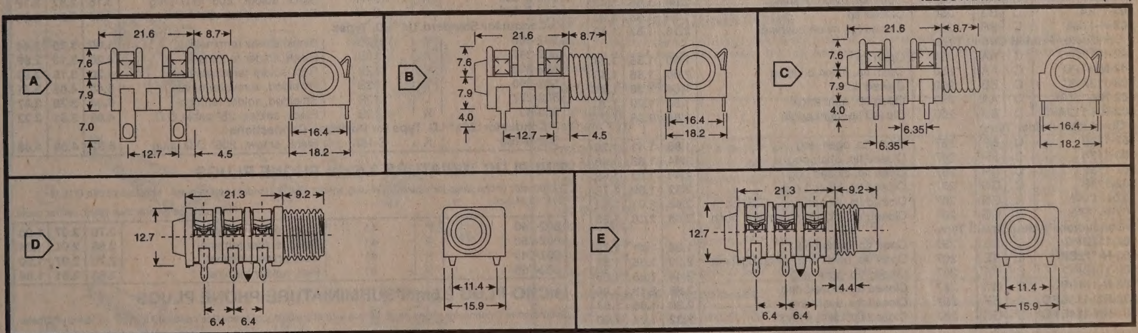
Features:
- Chassis: rigid die cast alloy
- Spring: solid nickel silver
- Contact: solid palladium

Electrical Specifications:
- Contact rating: 750mA
- Voltage rating: 100VDC
- Temperature range: -40°C to +75°C

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Description	Price Each 1	100	500
550-50003	3 cond. with 2 N-C switches	2.86	2.69	2.60

• ILLUSTRATION DIMENSIONS (mm)



NYLON 1/4" JACK SOCKETS

Designed to offer what is undoubtedly the best combinations of quality contact performance and durability, coupled with a very competitive price structure. They will perform superbly year after year, meeting and exceeding the demanding requirements of the music industry.

Material Specifications:
- Body material: H. D. nylon
- Contact material: solid nickel silver

Electrical Specifications:
- Temperature range: 0°C to +70°C
- Insulation resistance: >7000 MΩ
- Test voltage: 2000 volts
- Contact resistance: <.030Ω

For quantities greater than listed call for quote.

Standard Jack Socket

★ Note: all have fully threaded nose, except where indicated (550-25301)

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100
550-10021	A	Mono w/solder terminals	.69	.65	.62
550-10201	B	Mono w/2 NC switches, and PCB terminals	.78	.74	.71
550-20301	C	Stereo w/3 NC switches, and PCB terminals	.86	.81	.78

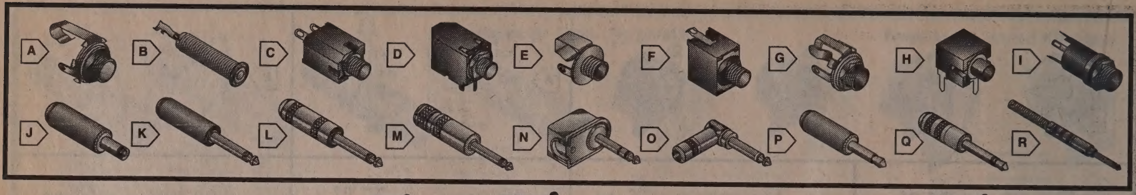
For quantities greater than listed call for quote.

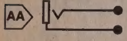
• 19% space saving advantage over standard socket

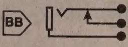
New Slim Jack Socket

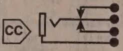
MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100
550-20311	D	Stereo w/3 NC switches, and PCB terminals	.86	.81	.78
★ 550-25301	E	Stereo w/3 NC switches, and PCB terminals	.86	.81	.78

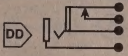
Switchcraft Jacks and Plugs
A Raytheon Company

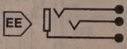


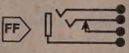


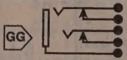


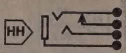












LITTEL-JAX 1/4" PHONE JACKS

Phone jacks mount in single .375" hole in panels up to .150" thick, except L-11 and L-12 which mounts in panels up to .25" thick.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig. *	Ckt. Dia.	Typical Mating Type	Description	Price Each 1	10	25
2-Conductor Standard 1/4" I.D. Types							
502-11	A	AA	250	Open tip	1.88	1.41	1.29
502-C-11	A	AA	440, 445, 470	Open tip, with locating pin	2.64	1.98	1.82
502-L-11	A	AA	250	Open tip, with .375" bushing	1.88	1.41	1.29
502-12A	A	BB	250	Closed tip	1.92	1.44	1.32
502-C-12A	A	BB	440, 445, 470	Closed tip, with locating pin	3.28	2.46	2.26
502-L-12A	A	BB	250	Closed tip, with .375" bushing	2.00	1.50	1.38
502-13A	A	CC	250	Transfer circuit	4.40	3.30	3.03
502-13E	A	DD	250	Isolated "break" circuit	4.64	3.48	3.19
2-Conductor .210" I.D. Type for Polarized Connections							
502-S-11	A	AA	S-250	Open tip, .210" I.D. bushing	1.92	1.44	1.32
3-Conductor Standard 1/4" I.D. Types							
502-12B	A	EE	267	Open tip, open ring	2.00	1.50	1.38
502-C-12B	A	EE	480	Open tip, open ring, with locator pin	3.76	2.82	2.59
502-L-12B	A	EE	267	Open tip, open ring, w/ .375" bush.	2.12	1.59	1.46
502-13B	A	FF	267	Closed tip, open ring	4.48	3.36	3.08
502-14B	A	GG	267	Closed tip, closed ring	4.72	3.54	3.25
3-Conductor .210" I.D. Type for Polarized Connections							
502-S-12B	A	EE	S-260	Open tip, open ring, .210" I.D. bush.	2.88	2.16	1.98

* Figure shown is C-11. Refer to circuit diagram for actual circuit configurations of additional items.

Thick Panel Types

Extra shielded length eliminates microphone hum.

MOUSER STOCK NO.	Fig.	Ckt. Dia.	No. of Conductors	Panel Size (In.)	Mounting Hole	Price Each 1	10	25	100
502-151	B	AA	2	1.25	.469	5.80	4.35	3.99	Call
502-152B	B	EE	3	1.25	.469	6.40	4.80	4.40	

HI-D JAX 1/4" ENCLOSED PHONE JACKS

Small, compact phone jacks mate with standard .25" (6.35mm) phone plugs. The molded body protects the integral silver plated contacts. They feature low contact resistance, low electrical leakage and low capacity between contacts. Mounts in single .375" hole in panels up to .156" thick.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig. *	Ckt. Dia.	Typical Mating Type	Description	Price Each 1	10	25
2-Conductor-Solder Types							
502-111	C	AA	250	Open tip	1.80	1.35	1.24
502-N-111	C	AA	250	Open tip, nylon bushing	2.08	1.56	1.43
502-112A	C	BB	250	Closed tip	1.84	1.38	1.27
502-N-112A	C	BB	250	Closed tip, nylon bushing	2.16	1.62	1.49
2-Conductor-Printed Circuit Type							
502-111PC	C	AA	250	Open tip	1.80	1.35	1.24
502-N111PC	C	AA	250	Open tip, nylon bushing	2.08	1.56	1.43
502-112APC	C	BB	250	Closed tip	1.84	1.38	1.27
502-RN-111PC	D	AA	250	Open tip, right angle	1.60	1.20	1.10
502-RN-112APC	D	BB	250	Closed tip, right angle	1.84	1.38	1.27
3-Conductor-Solder Type							
502-112B	C	EE	267	Open tip, open ring	1.88	1.41	1.29
502-113B	C	FF	267	Closed tip, open ring	2.44	1.83	1.68
502-113F	C	HH	267	Open tip, closed ring	2.44	1.83	1.68
502-114B	C	GG	267	Closed tip, closed ring	2.52	1.89	1.73
502-L-114B	C	GG	267	Closed tip, closed ring, .375" bush.	2.68	2.01	1.84
502-N-114B	C	GG	267	Closed tip, closed ring, nylon bush.	2.88	2.16	1.98
3-Conductor-Printed Circuit Type							
502-112BPC	C	EE	267	Open tip, open ring	1.88	1.41	1.29
502-N-112BPC	C	EE	267	Open tip, open ring, nylon bushing	2.20	1.65	1.51
502-113BPC	C	FF	267	Closed tip, open ring	2.44	1.83	1.68
502-N-114BPC	C	GG	267	Closed tip, closed ring	2.88	2.16	1.98
502-RN-113BPC	D	FF	267	Closed tip, open ring	2.20	1.65	1.51
502-RN-114BPC	D	GG	267	Closed tip, closed ring	2.32	1.74	1.60

* Figure shown is C-11. Refer to circuit diagram for actual circuit configurations of additional items.

TINI-JAX 3.5mm MINIATURE PHONE JACKS

Miniature 2-conductor phone jacks, approximately 1/3 the size of Littel-Jax jacks. Mounts in .25" diameter hole in panels up to .125" thick.

MOUSER STOCK NO.	Fig.	Ckt. Dia.	Mating Switchcraft Plug Screw Terminal	Solder Terminal	Price Each 1	10	25	100
Open Contact Type								
502-41	E	AA	740, 745	750, 755	1.60	1.20	1.10	Call For Quote
502-42A	E	BB	740, 745	750, 755	1.92	1.44	1.32	
Enclosed Panel Mount								
502-142A	F	BB	740, 745	750, 755	2.44	1.83	1.68	

MICRO-JAX 2.5mm SUBMINIATURE PHONE JACKS

2-conductor, miniaturized jack has single closed circuit design. Silver plated, tempered nickel plated contacts. Mounts in .190" diameter hole in panels up to .094" thick.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ckt. Dia.	Typical Mating Type	Description	Price Each 1	10	25
Open Contact Type							
502-TR-2A	G	BB	850, 880	2-conductor, closed tip	2.24	1.68	1.54
Enclosed Contact, Right Angle PCB Type							
502-MDPC-2A-RA	H	BB	850, 880	2-conductor, closed tip	2.00	1.50	1.38

POWER-JAX POWER CONNECTORS

Designed for AC-DC power connector and/or battery charger connections for electronics equipment. Split center, center pin, for more secure connection. Mounts in .312" diameter hole in panels up to .125".

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Typical Mating Type	Description	Price Each 1	10	25
Jacks						
502-712A	I	760, 765	2.5mm center pin diameter	2.84	2.13	1.95
502-722A	I	S-760, S-765	2.1mm center pin diameter	2.84	2.13	1.95
Plugs						
502-760	J	712A	2.5mm black, 1.42" (L) x .375" (D)	2.84	2.13	1.95
502-765	J	722A	2.5mm red, 1.42" (L) x .375" (D)	2.84	2.13	1.95
502-S-760	J	722A	2.1mm black, 1.42" (L) x .375" (D)	2.96	2.22	2.04

LITTEL PLUG PHONE PLUGS

Phone plugs that have solder terminals and built-in cable clamps. Shielded metal handles are nickel plated brass. Maximum cable diameter is .297" (7.54mm).

* 2-conductor plug shown

2-Conductor Standard 1/4" I.D. Types						
502-240	K	11	Black handle, screw terminals	3.16	2.37	2.17
502-245	K	11	Red handle, screw terminals	3.16	2.37	2.17
502-250	K	11	Black handle, solder terminals	3.00	2.25	2.06
502-255	K	11	Red handle, solder terminals	3.00	2.25	2.06
502-270	L	11	Shielded, screw terminals	4.44	3.33	3.05
502-280	L	11	Shielded, solder terminals	3.72	2.79	2.56
502-40	K	11	Black, solder, .28" cable O.D.	4.04	3.03	2.78
502-70	L	11	Shielded, solder, .38" cable O.D.	5.52	4.14	3.80
502-170	M	11	Shielded, solder, .25" cable O.D.	6.44	4.83	4.43
502-220	N	11	Black, screw, right angle	4.36	3.27	3.00
502-226	O	11	1/4" commercial right angle	4.00	3.00	2.75
502-227	N	11	Black, solder, right angle	3.36	2.52	2.31
2-Conductor .206" I.D. Types for Polarized Connections						
502-S-250	K	S-11	Black, solder, .206" O.D. plug	3.16	2.37	2.17
502-S-280	L	S-11	Shielded, solder, .206" O.D. plug	4.28	3.21	2.94
* **3-Conductor Standard 1/4" I.D. Types**						
502-260	K	12B	Black, screw terminals	5.00	3.75	3.44
502-267	K	12B	Black, solder terminals	4.20	3.15	2.89
502-269	K	12B	Red, solder terminals	4.20	3.15	2.89
502-290	L	12B	Shielded, screw terminals	5.40	4.05	3.71
502-297	L	12B	Shielded, solder terminal	5.04	3.78	3.47
502-60	K	12B	Black, solder, .28" cable O.D.	4.68	3.51	3.22
* **3-Conductor .206" I.D. Type for Polarized Connections**						
502-S-260	K	S-12B	Black, screw, .206" O.D. plug	6.52	4.89	4.48

TINI-PLUG MINIATURE 3.5mm PHONE PLUGS

2-conductor phone plugs for use with Tini-Jax; 1/3 the size of standard phone plugs. Maximum cable O.D. is .218" (5.54mm).

For quantities greater than listed, call for quote.

502-740	P	41	Black, screw terminal	2.76	2.07	1.90
502-750	P	41	Black, solder terminal	2.68	2.01	1.84
502-745	P	41	Red, screw terminal	2.76	2.07	1.90
502-755	P	41	Red, solder terminal	2.68	2.01	1.84

MICRO-PLUG 2.5mm SUBMINIATURE PHONE PLUGS

Subminiature 2-conductor phone plugs for use with Micro-Jax accommodates cables up to .125" (3.18mm) diameter.

For quantities greater than listed, call for quote.

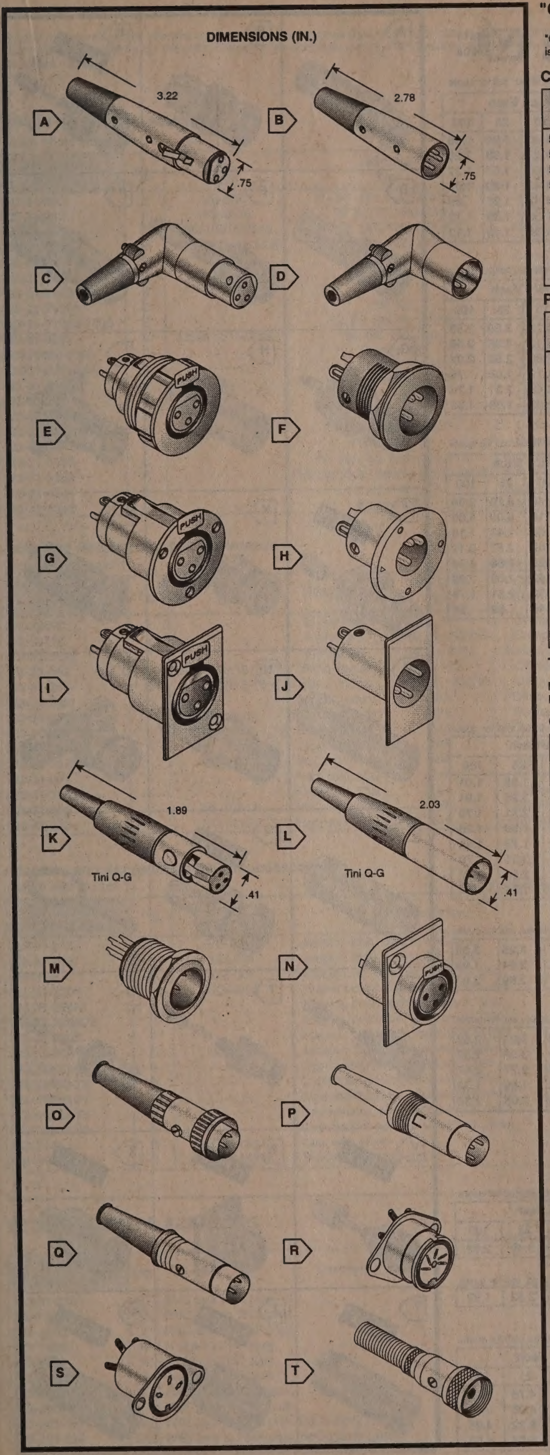
502-850	Q	TR-2A	Black handle	2.72	2.04	1.87
502-855	Q	TR-2A	Red handle	2.72	2.04	1.87
502-880	Q	TR-2A	Shielded handle	2.72	2.04	1.87

MITI-PLUG AUDIO PLUG

2-conductor phone plug with full shielding and resistance to extremely rough usage for electrified audio instruments, such as amplifiers, synthesizers, power heads, speaker systems etc. requiring high quality audio plugs.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Typical Mating Type	Description	Price Each 1	10	25
502-174S	R	11	Brass with spring strain relief	7.80	5.85	5.36



"Q-G" QUICK GROUND AUDIO CONNECTORS

"Q-G" connectors feature a separate ground terminal integral with the connector shell. The high-impact thermoplastic insert is retained by a loss preventing captive design screw, female connectors have positive latch lock system.

Cord End Plugs

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-A3F	A	3 pin female plug	5.36	4.02	3.69	Call For Quote
502-A3FB	A	3 pin female plug (black)	5.36	4.02	3.69	
502-A3M	B	3 pin male plug	4.76	3.57	3.27	
502-A3MB	B	3 pin male plug (black)	4.76	3.57	3.27	
502-A4F	A	4 pin female plug	7.48	5.61	5.14	
502-A4M	B	4 pin male plug	5.48	4.11	3.77	
502-A5F	A	5 pin female plug	12.20	9.15	8.39	
502-A5M	B	5 pin male plug	9.68	7.26	6.66	
502-R3F	C	3 pin female right angle plug	14.68	11.01	10.09	
502-R3M	D	3 pin male right angle plug	13.56	10.17	9.32	

Panel Mount Receptacles

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-B3F	E	3 pin female receptacle	13.44	10.08	9.24	Call For Quote
502-B3FB	E	3 pin female receptacle (black)	13.44	10.08	9.24	
502-B3M	F	3 pin male receptacle	8.12	6.09	5.58	
502-B3MB	F	3 pin male receptacle (black)	8.12	6.09	5.58	
502-B4M	F	4 pin male receptacle	8.36	6.27	5.75	
502-C3F	G	3 pin female receptacle	7.76	5.82	5.34	
502-C3M	H	3 pin male receptacle	5.52	4.14	3.80	
502-C4F	G	4 pin female receptacle	9.80	7.35	6.74	
502-C4M	H	4 pin male receptacle	5.88	4.41	4.04	
502-C5F	G	5 pin female receptacle	15.72	11.79	10.81	
502-C5M	H	5 pin male receptacle	10.36	7.77	7.12	
502-D3F	I	3 pin female receptacle	6.04	4.53	4.15	
502-D3FBAU	I	3 pin female receptacle, black with gold contacts	7.84	5.88	5.39	
502-D3M	J	3 pin male receptacle, nickel	4.48	3.36	3.08	
502-D3MB	J	3 pin male receptacle, black	4.48	3.36	3.08	
502-D3MBAU	J	3 pin male receptacle, black with gold contacts	5.84	4.38	4.02	Call For Quote
502-D4F	I	4 pin female receptacle, nickel	8.60	6.45	5.91	
502-D4M	J	4 pin male receptacle, nickel	5.32	3.99	3.66	
502-D5F	I	5 pin female receptacle, nickel	13.92	10.44	9.57	

TINI "Q-G" QUICK GROUND AUDIO CONNECTORS

Miniature connectors, ideal for use with slim lavalier microphones and instrumentation using shielded or unshielded cables. Positive latch locking system and molded thermo plastic strain relief.

Cord End Plugs

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-TA3F	K	3 pin female plug	7.68	5.76	5.28	Call For Quote
502-TA3M	L	3 pin male plug	6.40	4.80	4.40	
502-TA4F	K	4 pin female plug	8.36	6.27	5.75	
502-TA4M	L	4 pin male plug	7.00	5.25	4.81	

Panel Mount Receptacles

502-TB3M	M	3 pin male receptacle	7.08	5.31	4.87	Call For Quote
502-TB4M	M	4 pin male receptacle	7.80	5.85	5.36	
502-TY3F	N	3 pin female receptacle	8.28	6.21	5.69	
502-TY4F	N	4 pin female receptacle	9.00	6.75	6.19	

CIRCULAR DIN CONNECTORS

Designed for low level circuitry in computer, commercial, industrial, consumer, and military applications. They are exact replacements for many foreign built products. They are used extensively for computer keyboard, I/O, and peripheral applications.

DIN Cord End Plugs

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-05CL3M	O	3 pins @ 180° with lock ring	5.80	4.35	3.99	Call For Quote
502-05CL5M	O	5 pins @ 180° with lock ring	6.88	5.16	4.73	
502-12CL5M	O	5 pins @ 240° with lock ring	6.52	4.86	4.48	
502-05GM3M	P	3 pins @ 180° with shielded barrel	2.76	2.07	1.90	
502-05GM5M	P	5 pins @ 180° with shielded barrel	3.80	2.91	2.67	
502-12GM5M	P	5 pins @ 240° with shielded barrel	3.96	2.97	2.72	
502-05BL3M	Q	3 pins @ 180° with extended barrel	3.12	2.34	2.15	
502-05BL5M	Q	5 pins @ 180° with extended barrel	4.16	3.12	2.86	
502-12BL5M	Q	5 pins @ 240° with extended barrel	4.16	3.12	2.86	

Panel Mount DIN Receptacles

502-57HA3F	R	3 pins @ 180° for lock ring plug	2.68	2.01	1.84	Call For Quote
502-57HB5F	R	5 pins @ 180° for lock ring plug	2.92	2.19	2.01	
502-61HA5F	R	5 pins @ 240° for lock ring plug	3.16	2.37	2.17	
502-57GB3F	S	3 pins @ 180° for shielded / extended barrel plug	2.12	1.59	1.46	
502-57GB5F	S	5 pins @ 180° for shielded / extended barrel plug	2.48	1.86	1.71	
502-61GB5F	S	5 pins @ 240° for shielded / extended barrel plug	2.48	1.86	1.71	

MICROPHONE CONNECTOR

Designed with 5/8-27 threads for use with single conductor microphones with cable O.D. No greater than .281". The coupling ring is removable for fast change from female to male type.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-2501F	T	Female microphone connector	3.52	2.64	2.42	Call

Amphenol® RFX Connectors

RFX COMMERCIAL CONNECTORS

Designed for the requirements of commercial applications that do not require performance above 1-3 GHz.

BNC Plugs 50Ω Impedance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	RG Cable Type	Cable Attachment		Description	Price Each			
			Outer	Inner		1	10	25	100
523-31-5136RFX	A	59, 59A, 62,62A	- - -	- - -	BNC Suretwist plug	1.56	1.42	1.21	.99
523-31-2-RFX	B	58	Clamp	Solder	Clamp type plug	1.78	1.62	1.38	1.25
523-31-212-RFX	B	59, 62	Clamp	Solder	Clamp type plug	2.16	1.96	1.67	1.37
523-31-321-1RFX1	C	Belden 8281	Crimp	Solder	Straight plug	1.68	1.43	1.30	1.01
523-31-5137-RFX	D	58	Suretwist	Suretwist	Clamp type plug	1.56	1.42	1.21	.99
523-31-5557-RFX	E	58	Crimp	Press Fit	2 pc. single crimp plug	1.79	1.58	1.39	1.13
523-31-5556-RFX	E	59, 62	Crimp	Press Fit	2 pc. single crimp plug	1.79	1.58	1.39	1.13

BNC Receptacles 50Ω Impedance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
523-31-5-RFX	F	Clamp type jacks, outer: clamp, inner: solder	58	4.53	4.12	3.50	2.88
523-31-15-RFX	F	Clamp type jacks, outer: clamp, inner: solder	59, 62	5.63	5.12	4.35	3.58
523-31-10-RFX	G	Front mount, bulkhead receptacle, isolated ground	- - -	3.27	2.86	2.52	2.04
523-31-221-RFX	H	Front mount, bulkhead receptacle	- - -	1.37	1.17	1.06	.76
523-31-203RFX	I	BNC panel receptacle	- - -	2.96	2.48	2.31	1.74
523-31-318-RFX	J	Bulkhead jack with crimp termination	174, 188, 316	2.38	2.02	1.69	1.53

Adaptors BNC/TNC 50Ω Impedance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	100
523-31-9-RFX	K	Right angle BNC jack to BNC plug	4.82	4.10	3.76	2.94
523-31-218-RFX	L	BNC straight adaptor plug-plug	7.88	7.16	6.09	5.00
523-31-219-RFX	M	BNC straight adaptor jack-jack	1.85	1.68	1.43	1.18
523-31-220N-RFX	N	BNC bulkhead adaptor jack-jack	3.32	3.02	2.57	2.11
523-31-208-RFX	O	BNC tee adaptor jack-plug-jack	3.71	3.25	2.88	2.34
523-31-4791-RFX	P	TNC straight adaptor jack-jack	2.66	2.42	2.06	1.69
523-46650-51-RFX	Q	50Ω male cap, resistor terminated, 5% 1 watt	2.96	2.52	2.31	1.79
523-31-10152-RFX	R	Grounding lug	.51	.46	.39	.34

RFX BNC CABLE MOUNT CONNECTORS

Specifications:

- Frequency range: 50Ω cables 0-4 GHz, 75Ω cables 0-2GHz
- Voltage rating: 500V peak

3 Piece Hex Crimp Plugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	RG Cable Type	IMP Ω	Use RFX Crimp Tool	Price Each			
					1	10	25	100
523-31-320-RFX	S	58	50	523-CTL-1	1.62	1.43	1.25	1.01
523-31-321-RFX	S	59, 62	50	523-CTL-2	1.62	1.43	1.25	1.01
523-31-71008-RFX	S	59, 62	75	523-CTL-1	2.96	2.52	2.31	1.79
523-68175-5-RFX	S	59 (20AWG)	50	523-CTL-1	1.92	1.58	1.50	1.23
523-31-315-RFX	S	174, 188, 316	50	523-CTL-2	2.30	2.01	1.78	1.43
523-31-242-RFX	S	179, 187	50	523-CTL-2	2.96	2.52	2.31	1.79
523-31-71013-RFX	S	179, 187	75	523-CTL-2	3.32	2.82	2.59	2.02
523-31-321-10-RFX	S	Belden 8281	50	523-CTL-1	2.26	1.92	1.76	1.37

3 Piece Hex Crimp Jacks

For quantities greater than listed, call for quote.

523-36800-RFX	T	58	50	523-CTL-1	4.58	3.89	3.25	2.88
523-31-71009-RFX	T	59	75	523-CTL-1	3.24	2.75	2.54	1.99
523-31-71014-RFX	T	179	75	523-CTL-2	3.32	2.82	2.59	2.02

3 Piece Hex Crimp Bulkhead Jacks

For quantities greater than listed, call for quote.

523-31-342-RFX	U	58	50	523-CTL-1	4.14	3.52	3.23	2.52
523-31-343-RFX	U	59	50	523-CTL-1	4.14	3.52	3.23	2.52
523-31-71011-RFX	U	59	75	523-CTL-1	3.56	3.03	2.77	2.17
523-31-245-RFX	U	179	50	523-CTL-2	2.38	2.02	1.69	1.53
523-31-71016-RFX	U	179	75	523-CTL-2	3.92	3.33	3.05	2.38

RFX N CONNECTORS

Specifications:

- Voltage rating: 1500V peak
- Frequency range: 0-11 GHz
- Impedance: 50Ω

Plug

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	100
523-82-5375-RFX	V	With crimp termination, fits RG 58, 141, and 142 A	4.48	3.81	3.49	2.73

Receptacle

For quantities greater than listed, call for quote.

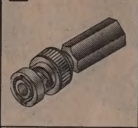
523-82-97-RFX	W	Front or rear mount with solder cup termination	3.00	2.55	2.52	1.92

RFX BETWEEN SERIES ADAPTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	100
523-31-216-RFX	X	BNC jack to N plug	5.82	5.46	4.76	4.20
523-31-217-RFX	Y	BNC plug to N jack	5.82	5.46	4.95	4.46
523-31-28-RFX	Z	BNC jack to UHF plug	5.79	5.43	5.22	4.95
523-2900-RFX	AA	BNC plug to UHF jack	5.89	5.52	5.03	4.53

A



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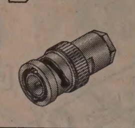

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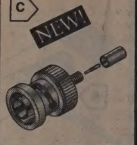

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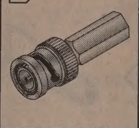

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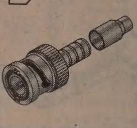

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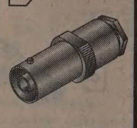

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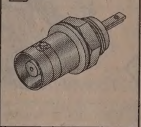

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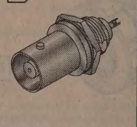

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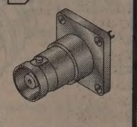

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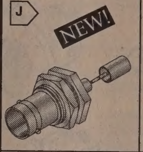

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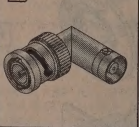

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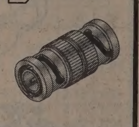

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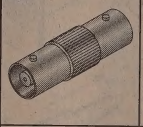

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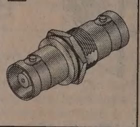

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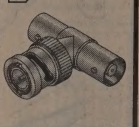

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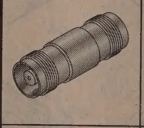

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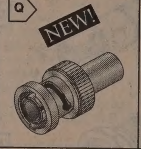

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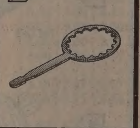

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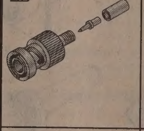

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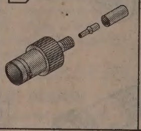

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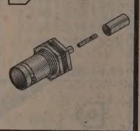

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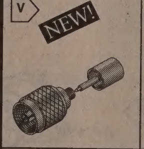

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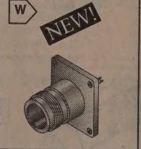

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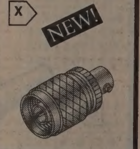

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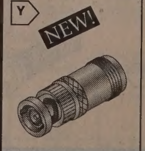

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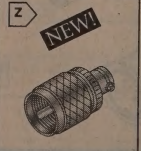

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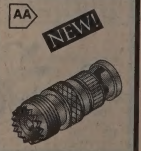


BNC COAXIAL CONNECTORS

Amphenol BNC connectors are miniature, light weight units designed to operate satisfactorily up to 11 GHz. The connectors typically yield low reflection up to 4 GHz. BNC connectors are recognized under the component program of Underwriter's Laboratories, Inc.

Straight Plugs 50Ω Impedance

(except where noted †)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MIL Type	RG Cable Type	Cable Term.	Price Each		
					1	10	25
523-31-202	A	UG-88C	55, 58, 141, 142, 223, 400	Clamp	2.90	2.64	2.24
523-31-212	A	UG-260B	59, 62, 71, 140, 210	Clamp	2.95	2.68	2.28
523-31-4320	B	M39012/16-0013	55, 58, 141, 142, 223, 400	Crimp	4.25	3.86	3.28
523-31-320	B	M23329/3-01,3-03	55, 58, 141, 142, 223, 400	Crimp	3.83	3.48	2.96
523-68175-1005	B	- - - - -	59	Crimp	4.07	3.70	3.15
523-31-321	B	M23329/3-05	59, 62, 140, 210	Crimp	3.94	3.58	3.04
†523-31-70008	B	- - - - -	59	Crimp	9.46	8.60	7.31
†523-31-71008	B	- - - - -	59, 62	Crimp	4.71	4.28	3.64
†523-31-71008-1000	B	- - - - -	59, 62, Belden 1151A	Crimp	9.90	9.00	7.65
523-31-4321	B	M39012/16-0015	59, 62, 140, 210	Crimp	4.62	4.20	3.57
523-36650-1003	B	- - - - -	Plenum 58	Crimp	3.56	3.24	2.75
523-31-321-1000	B	- - - - -	Belden 8281, 88281	Crimp	4.44	4.04	3.43
523-31-315	B	- - - - -	174, 188, 316	Crimp	4.38	3.98	3.38
523-31-242	B	- - - - -	179, 187	Crimp	5.39	4.90	4.17
523-68175-1003	B	- - - - -	Belden 9259	Crimp	3.56	3.24	2.75
523-31-320-1006	B	- - - - -	Belden 9907, 89907	Crimp	3.56	3.24	2.75
523-68175-1011	B	- - - - -	Plenum 59, 62	Crimp	3.56	3.24	2.75
523-31-5136	C	- - - - -	59, 59A, 62, 62A, 140, 210	Suretwist®	3.43	3.12	2.65
523-31-5369	C	- - - - -	Plenum 59,62,Belden 89269,86262	Suretwist®	3.95	3.59	3.09
523-31-4541	D	- - - - -	59, 62, 140, 210	Quick-trim®	4.60	4.18	3.55
523-31-4542	D	- - - - -	Belden 9268	Quick-trim®	4.84	4.40	3.74

Jacks and Receptacles 50Ω Impedance

(except where noted †)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MIL Type	Description	RG Cable Type	Cable Term.	Price Each		
						1	10	25
523-36800	E	- - - - -	In-line jack	58, 141	Crimp	7.46	6.78	5.76
523-68150	E	- - - - -	In-line jack	59,62,71,140,210	Crimp	6.69	6.08	5.17
523-31-5152	F	- - - - -	In-line jack	Belden 8281	Suretwist®	4.53	4.12	3.54
523-31-342	G	M23329/3-15, 3-17	Blkhd. mount	58,141	Crimp	8.05	7.32	6.22
523-31-343	G	M23329/3-19	Blkhd. mount	59,62,71,140,210	Crimp	8.05	7.32	6.22
523-31-5431	H	- - - - -	90° PC mount	N/A	PC-mount	4.09	3.72	3.16
523-31-5329	I	Zinc Body	PC mount 3 leg	N/A	Solder	4.51	4.10	3.49
523-31-203	J	UG-290A	Flange mount	N/A	PC-mount	3.70	3.36	2.86
523-31-10	K	- - - - -	Isolated gnd.	N/A	Solder	3.92	3.56	3.03
†523-31-10-75	K	UG-1094	Isol. mnt. 75Ω	N/A	Solder	3.92	3.56	3.03
523-31-221	K	- - - - -	Front mnt. 50Ω	N/A	Solder	1.80	1.64	1.39
†523-31-70018	K	- - - - -	Front mnt. 75Ω	N/A	Solder	4.20	3.82	3.25
523-31-2221	L	UG-1094A	Front mnt. 50Ω	N/A	Solder	2.13	1.94	1.65
523-31-236	L	UG-625B	Front mnt. 50Ω	N/A	Solder	1.98	1.80	1.53

Adaptors and Accessories 50Ω Impedance

(except where noted †)

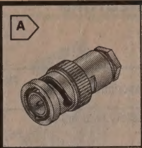
For quantities greater than listed, call for quote.

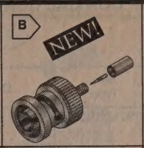
MOUSER STOCK NO.	Fig.	MIL Type	Description	Price Each		
				1	10	25
523-31-218	M	UG-491A	Adaptor, BNC plug to BNC plug	6.45	5.86	4.98
523-31-219	N	UG-914	Adaptor, BNC jack to BNC jack	3.92	3.56	3.03
523-31-9	O	UG-306	Adaptor, 90° BNC jack to BNC plug	9.35	8.50	7.22
523-31-220H	P	UG-492A	Sealed bulkhead adapter jack to jack	6.40	5.82	4.95
523-31-220N	P	- - - - -	Adaptor, bulkhead jack to jack, 50Ω	5.63	5.12	4.35
†523-31-220N75	P	- - - - -	Adaptor, bulkhead, jack to jack, 75Ω	6.86	6.24	5.30
523-31-4803	P	- - - - -	Adaptor, bulkhead mount jack to jack	9.39	8.54	7.26
523-31-208	Q	UG-274A	Adaptor, TEE-BNC jack-plug- jack	7.65	6.96	5.92
523-35650-50	R	- - - - -	Cap-resistor term. 50Ω, with chain	10.96	9.96	8.47
†523-35650-75	R	- - - - -	Cap-resistor term. 75Ω, with chain	10.96	9.96	8.47
523-46650-51	R	- - - - -	Cap-resistor term. 50Ω, without chain	10.96	9.96	8.47
†523-46650-75	R	- - - - -	Cap-resistor term. 75Ω, without chain	10.96	9.96	8.47
†523-46650-93	R	- - - - -	Cap-resistor term. 93Ω, without chain	10.96	9.96	8.47
523-31-6	R	CW-123	Cap, with chain	3.01	2.74	2.33
523-31-759	S	IBM-2245373	Shield, grounding lug	.62	.56	.48

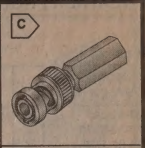
BETWEEN SERIES ADAPTORS

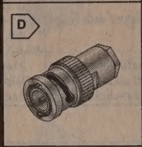
For quantities greater than listed, call for quote.

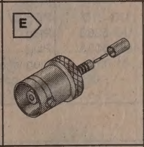
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
523-31-216	T	BNC jack to N plug	9.76	9.15	7.97
523-79675	U	BNC jack to TNC plug	17.34	16.26	14.15
523-31-28	V	BNC jack to UHF plug	7.44	6.98	6.08
523-14000	W	N jack to UHF plug	14.96	14.03	12.20
523-4400	X	N plug to UHF jack	11.70	10.64	9.04
523-31-217	Y	BNC plug to N jack	9.17	8.60	7.49
523-79025	Z	BNC plug to TNC jack	18.03	16.91	14.70
523-2900	AA	BNC plug to UHF jack	8.00	7.50	6.53
523-901-167	BB	BNC jack to SMA jack, BeCu body plating	33.95	30.86	29.32
523-901-166	CC	BNC jack to SMA plug, BeCu body plating	38.04	34.58	32.85

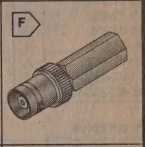


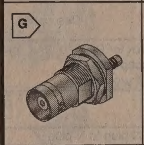


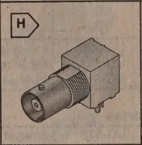


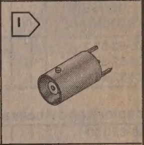


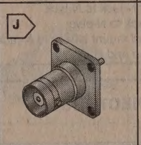


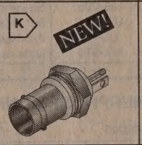


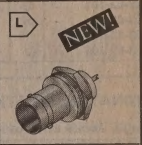


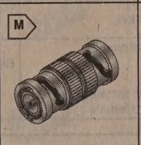


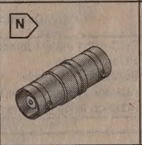


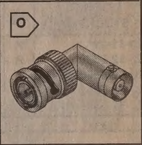


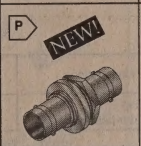


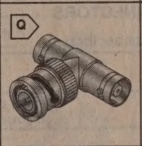


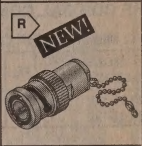


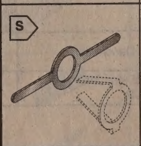


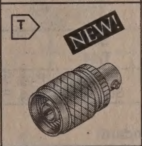


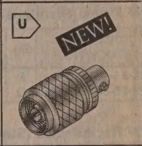


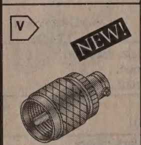


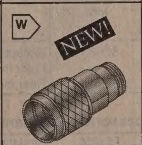


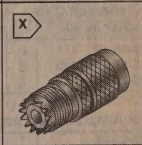


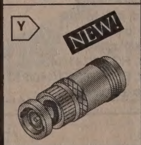


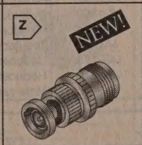


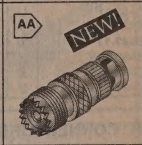


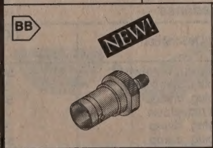


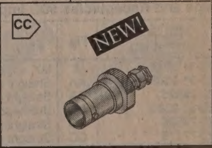












Amphenol® RF Connectors

N WEATHER PROOF COAXIAL CONNECTORS

MEETS MIL SPECS™

Plugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MIL Type	Description	RG Cable Type	Cable Termi-nation	Price Each			
						1	10	25	100
523-82-340	A	M39012/1B0007	Plug w/ safety wire holes	8,213	Crimp	7.11	6.46	5.49	4.52
523-82-5370	A	-----	Plug	55,142,223	Crimp	8.14	7.40	6.29	5.18
523-82-5375	A	-----	Plug	58,141	Crimp	8.98	8.16	6.94	5.71
523-82-202	B	UG-21D	Plug w/ safety wire holes	8,9,144,165,213	Clamp	5.04	4.58	3.89	3.21
523-34025	B	UG-536B	Plug	58,141,142	Clamp	5.66	5.15	4.43	3.65
523-34525	B	UG-603A	Plug	59,62,71,140,210	Clamp	10.34	9.40	7.99	6.58
523-82-4425	A	01-0501	Plug w/ safety wire holes	214,225,393	Crimp	9.97	9.06	7.70	6.34
523-82-4426-1001	A	-----	Plug, gold plated	Belden 89880	Crimp	8.14	7.40	6.29	5.18
523-82-202-1006	B	-----	Plug w/ non-captive pin	Belden 9913	Clamp	6.38	5.80	4.93	4.06

Receptacles

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MIL Type	Description	Price Each			
				1	10	25	100
523-82-63	C	UG-23B	In-line jack for RG-8, 9, 87A, 144, 213, 214	7.55	6.86	5.83	4.80
523-82-97	D	UG-58A	Panel receptacle	4.11	3.74	3.18	2.62
523-82-811	E	UG-680	Bulkhead receptacle	13.31	12.10	10.29	8.47

Adaptors and Accessories

For quantities greater than listed, call for quote.

523-82-100	F	UG-57B	Straight N-plug to N-plug	7.57	6.88	5.85	4.82
523-82-101	G	UG-29B	Straight N-jack to N-jack	6.18	5.62	4.78	3.93
523-82-64	H	UG-27A	90° N-jack to N-plug	18.15	16.50	14.03	11.55
523-82-66	I	UG-30	Bulkhead mount N-jack to N-jack	16.76	15.24	12.95	10.67
523-82-106	J	MX-913	Male cap and chain	4.66	4.24	3.60	2.97

TWINAXIAL WEATHERPROOF CONNECTORS

Plugs, Jacks and Adaptors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
523-31-224	K	BNC with1 male/1 female contact	108A	6.89	6.26	5.32	4.38
523-82-5589	B	Screw-on plug	Belden 8227, 9207	8.60	7.82	6.65	5.47
523-82-5590	L	Bulkhead receptacle	-----	15.42	14.02	11.92	9.81
523-82-5588	M	Adaptor, twinax female to female	-----	17.07	15.52	13.19	10.86
523-82-5588-RFX	M	Adaptor, twinax female to female	-----	6.40	5.44	4.99	3.89

UHF COAXIAL CONNECTORS

50 Ω Miniature UHF Connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MIL Type	Description	RG Cable Type	Price Each			
					1	10	25	100
523-81-115	N	-----	Crimp plug	58/A,B,C	2.07	1.88	1.60	1.32
523-81-120	O	-----	Bulkhead receptacle	-----	4.82	4.38	3.72	3.07

UHF Plugs (Standard)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MIL Type	Description	RG Cable Type	Price Each			
					1	10	25	100
523-83-1SP-1050	P	PL-259	Plug, UG standard	8, 9, 11	1.72	1.56	1.33	1.09
523-83-58FCP	Q	Standard	Plug, FCP	58, 141	2.34	2.13	1.83	1.51

UHF Receptacles (Standard)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MIL Type	Description	Price Each			
				1	10	25	100
523-83-1R	R	SO-239	Receptacle, standard	1.83	1.66	1.41	1.16
523-83-875-1002	S	-----	Front mount	4.29	3.90	3.32	2.73
523-83-878	S	-----	Rear mount	2.35	2.14	1.82	1.50

UHF Adaptors and Accessories (Standard)

For quantities greater than listed, call for quote.

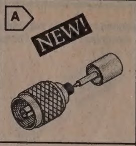
523-83-1J	T	PL-258	Straight jack to jack	2.99	2.72	2.31	1.90
523-83-1F	U	UG-363	Bulkhead, jack to jack	9.06	8.24	7.00	5.77
523-83-1AP	V	UG-646	90° jack to plug	5.18	4.72	4.01	3.30
523-83-1T	W	M-358	Tee, jack/plug/jack	7.41	6.74	5.73	4.72
523-83-185	X	UG-175	Reducer, RG-58/141/142	.55	.50	.43	.35
523-83-168	X	UG-176	Reducer, RG-59/62/71/140/210	.59	.54	.46	.38
523-83-1AC	Y	-----	Male cap and chain	6.12	5.56	4.73	3.89

TNC CONNECTORS

Plugs and Receptacles 50Ω Impedance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
523-31-5242	Z	90° angle plug, Suretwist®	58, 58B	8.73	7.94	6.75	5.56
523-31-2368	AA	Straight plug, crimp	59, 62	4.84	4.40	3.74	3.08
523-36825	AA	Straight plug. crimp	58, 141	6.12	5.56	4.73	3.89
523-31-2301	BB	Bulkhead receptacle	-----	6.34	5.76	4.90	4.03
523-79525	CC	Straight plug, clamp	59, 62	13.38	12.16	10.34	8.51
523-77175	CC	Straight plug, clamp	58, 141.	13.29	12.08	10.27	8.46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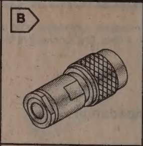
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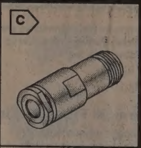
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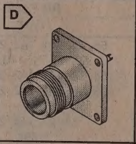
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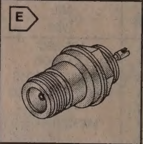
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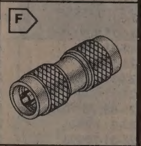
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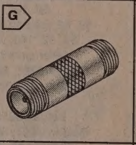
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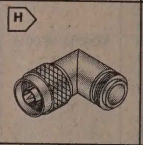
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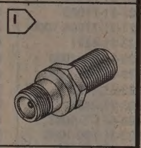
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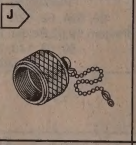
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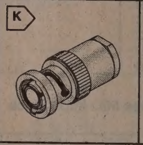
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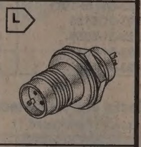
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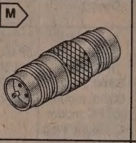
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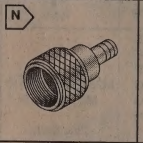
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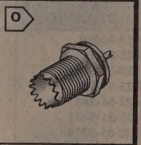
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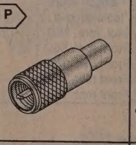
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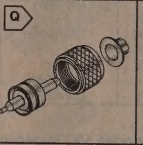
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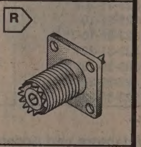
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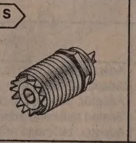
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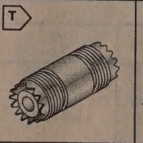
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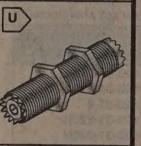
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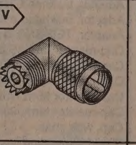
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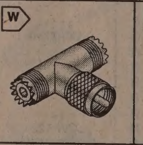
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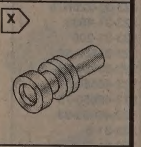
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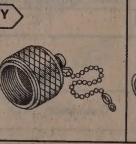
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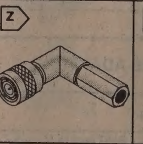
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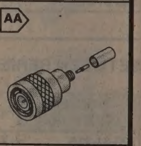
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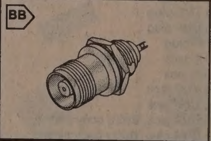
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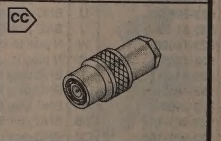
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Amphenol® RF Connectors

SUBMINIATURE COAXIAL SMA CONNECTORS

Specifications:
- 50Ω impedance
- Frequency range: 0-18GHz
- Temperature range: -65°C to +165°C (standard TFE insulators)

SMA Plugs

- Cable Attachment: outer-crimp, inner-solder
- Gold plating

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Group	Price Each		
				1	10	25
523-901-9601-3	A	Plug	174, 179, 187, 188, 316	17.67	16.06	15.26
523-901-9531-1	B	Right angle plug	55, 142, 223, 400	14.76	13.42	12.75
523-901-9511-1	C	Plug	55, 142, 223, 400	11.88	10.80	10.26
523-901-9511-3	C	Plug	174, 179, 187, 188, 316	10.89	9.90	9.41
523-901-9531-3	B	Right angle plug	174, 179, 187, 188, 316	14.96	13.60	12.92

SMA Receptacles

- Gold plating

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
523-901-9215	D	Panel jack receptacle	12.47	11.34	10.77
523-901-9211	E	Bulkhead jack receptacle	15.95	14.50	13.78
523-901-9610-3	F	Bulkhead jack	17.67	16.06	15.26
523-901-143	G	PCB right angle jack receptacle	17.03	15.48	14.71
523-901-144	H	PCB straight jack receptacle	12.80	11.64	11.06

SMA Adaptors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	1	10	25
523-901-9209-A	I	Bulkhead SMA jack to SMA jack, gold plating	18.13	16.48	15.66
523-901-167	J	BNC jack to SMA jack, BeCu plating	33.95	30.86	29.32
523-901-166	K	BNC jack to SMA plug, BeCu plating	38.04	34.58	32.85
523-901-9219-A	L	Right angle SMA plug to SMA jack, gold plating	26.07	23.70	22.52

SUBMINIATURE COAXIAL SMB CONNECTORS

Specifications:
- 50Ω impedance
- Frequency range: 0-4GHz
- Temperature range: -65°C to +165°C (standard TFE insulators)

SMB Plugs

- Cable Attachment: outer-crimp, inner-solder

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Group	Price Each		
				1	10	25
523-903-370P-51S	M	Plug, nickel plating	174, 179, 187, 188, 316	7.15	6.50	6.18
523-903-367P-51A	N	Right angle plug, nickel plating	174, 179, 187, 188, 316	7.04	6.40	6.08

SMB Receptacles

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
523-903-373J-51A	O	PCB right angle jack receptacle, tin-lead plating	8.23	7.48	7.11
523-903-415J-51P	P	PCB jack receptacle, gold plating	5.70	5.18	4.92

SUBMINIATURE COAXIAL SMC CONNECTOR

Specifications:
- 50Ω impedance
- Frequency range: 0-10GHz
- Temperature range: -65°C to +165°C (standard TFE insulators)
- Cable Attachment: outer-crimp, inner-solder

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Group	Price Each		
				1	10	25
523-903-288P-52A	Q	Right angle plug, gold plating	174, 179, 187, 188, 316	16.37	14.88	14.14

TWINHEX AND ECONOHEX TOOLS AND DIES AND CTL CRIMP TOOLS

The twinhex tool is a tool frame with interchangeable crimping dies selected for the cable and connector being assembled. The econohex crimp tool provides die set insertion and removal. Purchase of the handle and some of the four die sets allows termination of most coaxial and twinaxial cables.

MOUSER STOCK NO.	Fig.	Description	Use with Connector Series	RG Cable Group	Price Each
523-227-944	R	Tool, twinhex	(Needs die set)	------------------	205.20
523-227-987	S	Econohex, w/o dies	(Needs die set)	------------------	75.17
523-227-983	S	Econohex, W523-227-1417	Twinax	Belden 8227, 9207	139.97
523-227-1417	T	Econohex die	Twinax	Belden 8227, 9207	57.23
523-227-1418	T	Econohex die	BNC/TNC, SMA, Mini-UHF	RG-122, 161, 174, 179, 180, 187, 188, 195, 316	44.60
523-227-1419	T	Econohex die	Mini UHF, BNC/TNC, UHF, SMA	RG-55, 58, 59, 62,140, 141, 142, 142B, 210, 223, 302, 303, 400	44.60
523-227-1420	T	Econohex die	N/SC, APC-N, APC-75S	RG-8, 9, 11, 87A, 149, 165, 213, 214, 216, 225, 393	44.60

CTL Crimp Tools

MOUSER STOCK NO.	Fig.	Description	Use with Connector Series	RG Cable Group	Price Each
523-CTL-1	U	Crimp tool	BNC / TNC	58, 59, 62, Plenum 58, 59, 62	39.39
523-CTL-2	U	Crimp tool	3 pc. BNC/TNC 2 pc. BNC crimp plug	RG-6, 174, 179, B8281 RG-58, 59, 62, Plenum 58, 59, 62	39.39
523-CTL-3	U	Crimp tool	Type N 3 piece plug	58, 8, 213, 214	39.39
523-CTL-4	U	Crimp tool	Twinax 82-5589-RFX	Belden 8227, 9207, 89207	39.39

LOCAL AREA NETWORK (LAN) INSULATION BOOT Tee and Straight Adaptor Boot

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
523-31-5271	V	Velcro insulating boot for thinnet (fits over BNC tee adaptor)	2.90	2.64	2.24
523-31-5010	W	Boot, LANs, splice	10.63	9.66	8.21
523-31-5011	X	Boot, LANs, terminator	8.36	7.60	6.46

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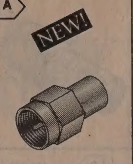

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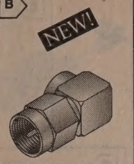

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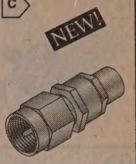

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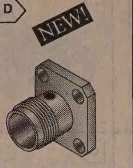

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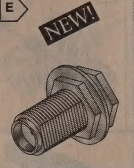

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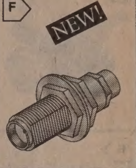

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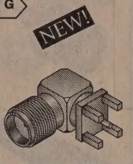

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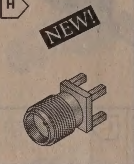

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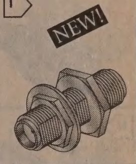

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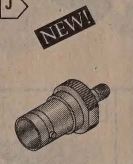

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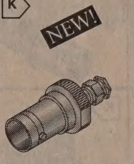

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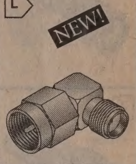

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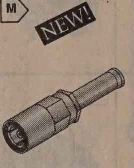

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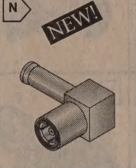

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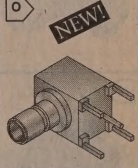

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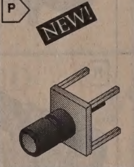

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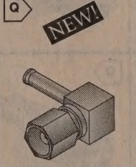

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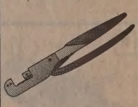

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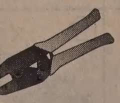

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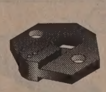

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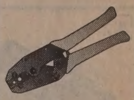

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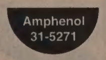

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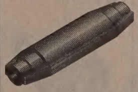

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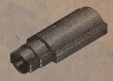
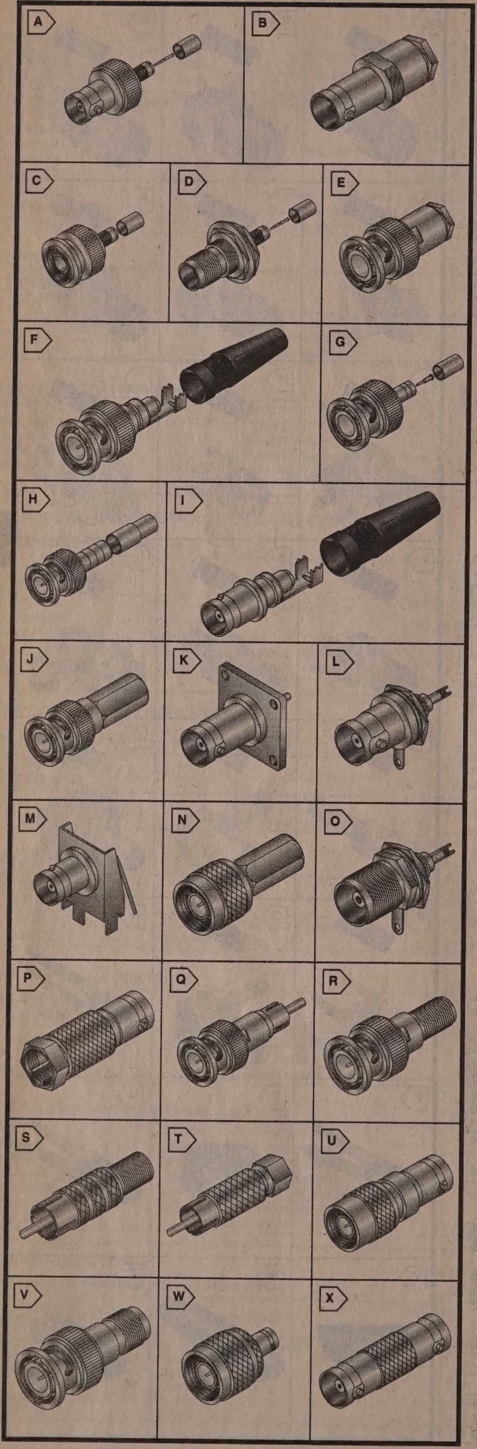


RF Connectors

BNC / TNC / Adaptors



HIGH RELIABILITY BNC CONNECTORS

Features:

- Silver plated center contact
- Nickel plated body
- Insulation: P.T.F.E.
- Gaskets: silicone rubber
- Designed to MIL STD Specs
- Highest quality

Reduced to Move!

MEETS MIL SPECS™

Cable Groups Table

A = RG58, RG141
B = RG59, RG62
C = RG59, RG62, RG210
D = RG59, RG62, RG210, RG302

Crimp Connectors

MOUSER STOCK NO.	Fig.	UG #	Impedance (Ω)	Replaces Amphenol	Connector Type	Cable Group	Price Each				
							1	25	100	250	500
164-93724N	A	1794/U	50	31-4327	Jack	A	3.82	2.98	2.43	2.10	Call
164-93748N	A	1798/U	75	31-4328	Jack	* B	3.32	2.33	- - -	- - -	

* RG59 with 22AWG center conductor

Jacks

MOUSER STOCK NO.	Fig.	UG #	Impedance (Ω)	Replaces Amphenol	Connector Type	Cable Group	Price Each		
							1	25	100
164-93263N	B	- - - - -	75	31-305	Solder	C	2.31	1.94	Call

HIGH RELIABILITY TNC CONNECTORS

Features:

- Body and male contact: brass to BS 2874
- Socket contact-female: beryllium copper
- Plating-bodies and center contacts: nickel argalin treated
- Insulation: P.T.F.E.
- Gaskets: silicone rubber

MEETS MIL SPECS™

Cable Groups Table

A = RG58, RG303, RG142
B = RG58, RG141
C = RG59, RG62, RG210
D = RG59, RG62, RG210, RG302

Plug

MOUSER STOCK NO.	Fig.	Impedance (Ω)	Replaces Amphenol	Connector Type	Cable Group	Price Each			
						1	25	100	250
174-93803N	C	50	36825	Plug	C	2.22	1.56	1.16	1.00

Bulkhead Jack

MOUSER STOCK NO.	Fig.	Impedance (Ω)	Replaces Amphenol	Connector Type	Cable Group	Price Each		
						1	25	100
164-93887N	D	75	- - - - -	Bulkhead jack	D	3.22	2.25	Call

STANDARD RELIABILITY

Features:

- Nickel plated pins
- Delrin insulators
- Compatible with comparable industry types
- For instrumentation, medical equipment

BNC Types

MOUSER STOCK NO.	Fig.	Description	Cable (RG)	Price Each				
				1	10	100	500	1000
171-9313	E	BNC plug connector, clamp type	RG58U	1.95	1.71	1.56	1.40	Call For Quote
171-9311	F	BNC plug connector, with strain relief	RG58U	1.90	1.57	1.43	1.30	
171-9314	G	BNC plug, crimp type	RG58U	1.60	1.41	1.28	1.15	
171-9315	H	BNC plug, 2 piece crimp type, with pin	RG59	1.90	1.65	1.50	1.37	
161-9312	I	BNC jack with strain relief	RG58U	1.36	1.24	1.13	1.02	
171-9316	J	BNC screw-on type	RG58U	1.95	1.71	1.56	1.40	
161-9321	K	BNC receptacle, panel mount	- - -	2.15	2.00	1.85	1.72	
161-9322	L	BNC chassis receptacle	- - -	1.75	1.63	1.40	1.26	
161-9331	M	BNC chassis PCB receptacle	- - -	2.72	2.48	2.25	2.05	

TNC Types

MOUSER STOCK NO.	Fig.	Description	Price Each				
			1	10	100	500	1000
171-9411	N	TNC male connector, twist on	2.09	1.72	1.50	1.37	Call
161-9421	O	TNC female chassis receptacle	1.45	1.15	1.05	.95	

Inter-Series Adaptors

MOUSER STOCK NO.	Fig.	Description	Price Each				
			1	10	100	500	1000
161-9731	P	BNC jack to "F" plug	2.23	1.83	1.50	1.37	Call For Quote
161-9732	Q	BNC male to RCA phono plug	2.76	2.24	1.80	1.64	
161-9733	R	"F" jack to BNC plug	2.21	1.82	1.50	1.37	
161-9711	S	RCA phono plug to "F" jack	1.32	1.08	.90	.82	
161-9712	T	RCA phono plug to "F" plug	1.32	1.08	.90	.82	
161-9734	U	TNC plug to BNC jack	2.18	1.98	1.80	1.64	
161-9735	V	TNC jack to BNC plug	2.18	1.98	1.80	1.64	
161-9736	W	"N" plug to BNC jack, UG-201-U	4.17	3.79	3.45	3.14	
161-9737	X	BNC jack to BNC jack	2.56	2.07	1.50	1.37	

OMMERCIAL BNC/TNC CONNECTORS

0Ω Impedance

he BNC series are bayonet locking coaxial connectors used for quick connect/disconnect applications. They are the most widely used F connectors in the market today. A variety of connector styles and termination methods are offered. These BNC connectors may meet r exceed the requirements of their MIL spec counter parts but are not "QPL" listed and are intended for commercial use only.

pecifications:

- Impedance: 50Ω
- Frequency range: 0-4 GHz
- VSWR: 1.3:1 (max.)
- Voltage rating: 500VRMs
- Insulation resistance: 5000MΩ (min.)
- Contact resistance: inner contact - 1.5mΩ (max.)
  outer contact - .2mΩ (max.)
- Temperature range: -55°C to +85°C
- Vibration, shock, moisture resistance: MIL-standard 202

OTE: Meets MIL-C-39012 interface requirements

NC Coaxial Connectors (Bayonet Locking Types)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Competitive Equivalent			RG/U Cable Type	Termination	Description	Price Each		
		Aim	Amphenol	Molex		Body/Contact		1	25	100
177-3100	A	27-9021	31-2-RFX	73100	58, 141	Clamp/Solder	Straight plug	2.09	1.74	1.58
177-3101	A	27-9020	31-212-RFX	73101	59, 62	Clamp/Solder	Straight plug	2.09	1.74	1.58
177-3104	B	27-9101	31-320-RFX	73104	58, 141	Crimp/Crimp	Straight plug	1.56	1.30	1.18
177-3105	B	27-9100	31-321-RFX	73105	59, 62	Crimp/Crimp	Straight plug	1.56	1.30	1.18
177-3106	C	27-9050	31-5136-RFX	73106	59, 62	Screw-on	Straight plug	2.27	1.89	1.72
177-3113	D	- - - - -	31-15-RFX	73113	59, 62	Clamp/Solder	Straight jack	2.44	2.04	1.85

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Competitive Equivalent			Termination	Description	Price Each		
		Aim	Amphenol	Molex			1	25	100
177-3115	E	27-8461	31-10-RFX	73115	Solder	Isolated bulkhead recep	2.97	2.38	1.95
177-3119	F	27-8160	31-221-RFX	73119	Solder ring	Bulkhead receptacle	1.75	1.45	1.32
177-3133	G	- - - - -	- - - - -	73133	Vertical PCB	PCB receptacle	2.10	1.75	1.60
177-3138	H	- - - - -	- - - - -	73138	Right angle PCB	PCB receptacle	1.92	1.60	1.46
177-3148	I	27-8140	31-208-RFX	73148	Jack to plug to jack	Tee adaptor	3.97	3.49	2.86
177-3150	J	25-7430	31-219-RFX	73150	Jack to jack	Straight adaptor	2.05	1.63	1.26
177-3151	K	27-8150	31-9-RFX	73151	Jack to plug	Right angle adaptor	4.47	3.51	2.79
177-3152	L	27-8470	31-220-RFX	73152	Jack to jack	Bulkhead adaptor	3.30	2.75	2.53
177-3161	M	27-9008	46650-51-RFX	73161	- - - - -	50Ω 1/2W terminator	3.19	2.86	2.42

BNC Installation Wrench

MOUSER STOCK NO.	Fig.	Description	Price Each
382-3200	N	BNC connector wrench with alignment indicator	20.93

TNC Coaxial Connectors (Threaded Version of BNC Types)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Competitive Equivalent			RG/U Cable Type	Termination	Description	Price Each		
		Aim	Amphenol	Molex		Body/Contact		1	25	100
177-3178	O	27-9061	31-2367-RFX	73178	58, 141	Crimp/Crimp	Straight plug	2.10	1.75	1.59

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Competitive Equivalent			Termination	Description	Price Each		
		Aim	Amphenol	Molex			1	25	100
177-3191	P	- - - - -	- - - - -	73191	Solder	Bulkhead receptacle	2.09	1.74	1.58

E.F. JOHNSON SMA/SMB TYPE CONNECTORS

MEETS MIL SPECS™

(SMA/SMB Types)

Cable Groups:

A = RG-161/U, RG-174/U, RG-179/U
RG-187/U, RG-188/U, RG-316/U

B = RG-402
C = RC-58/U, RG-141/U

SMA Types 50Ω 0-18 GHz

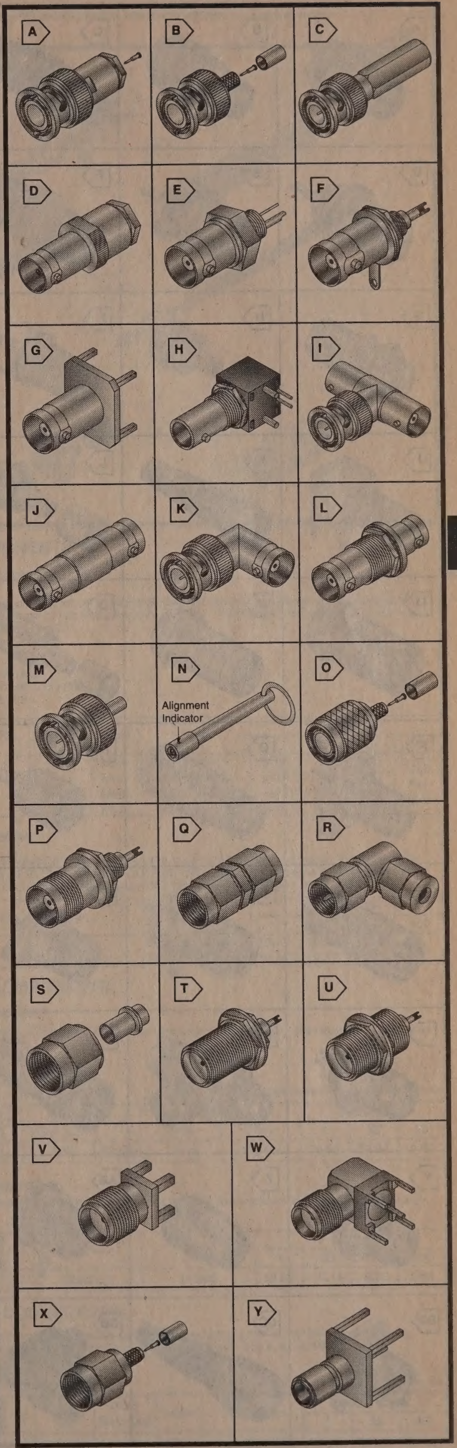
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Contacts	Cable Group	Price Each		
					1	10	50
530-142-0203-011	Q	Straight clamp type plug	Gold	A	11.76	10.37	8.85
530-142-0203-101	R	Flexible cable right angle clamp type plug	Gold	A	10.40	9.15	7.80
530-142-0694-016	S	Semi-rigid straight cable plug, w/o contact	Nickel	B	1.32	1.14	.95
530-142-0701-411	T	Bulkhead jack front mount	Gold	-	6.94	6.12	5.04
530-142-0701-406	T	Rear mount bulkhead jack	Nickel	-	5.68	5.00	4.16
530-142-0701-401	U	Rear mount bulkhead jack	Gold	-	6.02	5.31	4.38
530-142-0701-211	V	PC jack receptacle	Gold	-	7.10	6.25	5.18
530-142-0701-321	W	Right angle PC jack	Gold	-	10.70	9.42	7.81
530-142-0701-326	W	Right angle PC jack	Nickel	-	10.00	8.80	7.30
530-142-0403-011	X	Straight crimp type plug	Gold	A	6.18	5.46	4.65
530-142-0407-016	X	Straight crimp type plug	Nickel	C	5.60	4.93	4.20

SMB Types 50Ω 0-4 GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Contacts	Cable Group	Price Each		
					1	10	50
530-131-1701-206	Y	Straight PC jack	Nickel	-	1.92	1.69	1.39



RF Connectors

"F", "N", Twinaxial, and UHF

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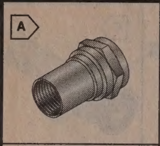
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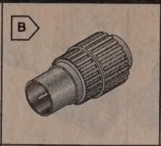
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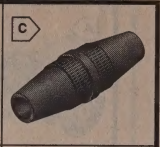
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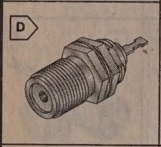
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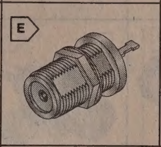
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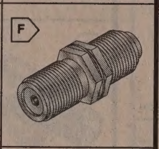
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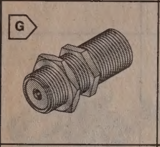
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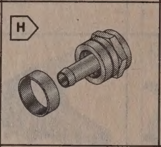
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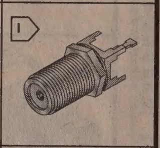
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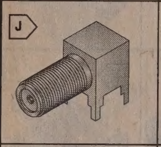
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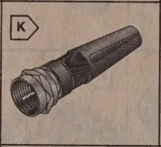
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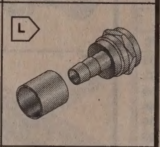
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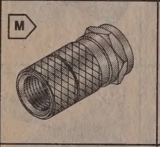
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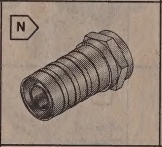
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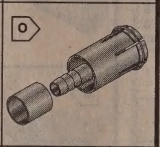
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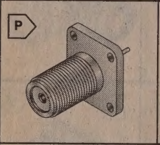
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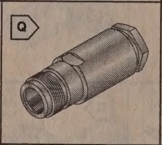
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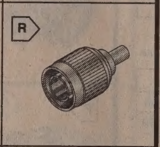
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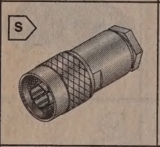
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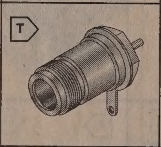
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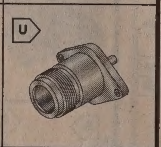
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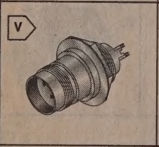
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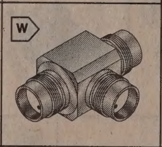
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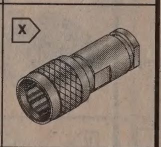
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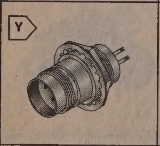
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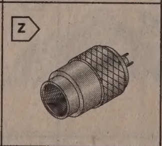
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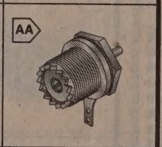
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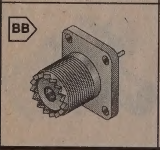
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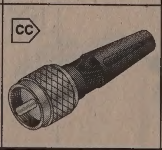
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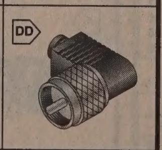


SUPER FAST "F" TYPE

- Very fast assembly
- Professional appearance
- Uses standard hex crimpers

MOUSER STOCK NO.	Fig.	Description	Cable Type	Price Each			
				1	10	100	500
556-FC79B	A	F connector; hex crimp ferrule	RG59U	.36	.28	.25	Call
556-FC79AB	A	F connector; hex crimp ferrule	RG6U	.36	.28	.25	For
556-FC81B	A	F connector, hex crimp ferrule	RG58U	.29	.22	.20	Quot

"F" (CATV/MATV) TYPE

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-1400	B	75Ω CATV, pal type, push-on antenna connector for 3C2V (RG-59, 62) cable	1.18	.91	.83	.75
171-1500	C	75Ω CATV shielded in line cable splicer	1.40	1.07	.98	.89
16SF061	D	F type front mount receptacle, .38" mtg. hole	1.20	.92	.84	.76
16SF062	E	F type rear mount receptacle, .38" mtg. hole	1.17	.90	.82	.74
16SF081	F	F type through chassis receptacle .38" mtg. hole	1.31	1.09	1.00	.90
556-FC67	G	F type dual female connector	.33	.24	.22	.18
17PF059	H	F connector for RG-59 cable with ferrule	.69	.54	.50	.45
161-5370	I	F-61 PC mount receptacle	.77	.51	.46	.42
161-5371	J	F-61 PC mount receptacle, right angle	1.39	1.20	1.09	.99

"F" (CATV/MATV) TYPE

MOUSER STOCK NO.	Fig.	Description	Cable Type	Price Each			
				1	10	100	500
171-9111	K	F connector with strain relief	RG59U	1.04	.85	.75	.68
171-9112	L	F connector, 2 piece with ferrule	RG58U	.28	.25	.22	.20
171-9113	M	F connector, twist on	RG59U	.72	.48	.30	.27
171-9114	N	F connector, CATV, crimp type	RG6U	.60	.40	.33	.30
171-9115	O	F connector push-on, with ferrule	RG59U	.66	.51	.38	.34
161-9126	P	F receptacle, panel mount	-----	4.54	4.12	3.75	3.41

"N" TYPE STANDARD (SATELLITE TV)

161-9210	Q	N type in-line jack, clamp type	RG8, 213/U	3.78	3.14	2.85	2.59
161-9211	Q	N type in-line jack, clamp type	RG58U	3.78	3.14	2.85	2.59
171-9212	R	N type hex crimp male connector	RG58U	3.63	3.30	3.00	2.73
171-9213	S	N type male connector, clamp	RG58U	3.63	3.30	3.00	2.73
161-9221	T	N receptacle (ug-680 a/u)	-----	2.90	2.64	2.40	2.18
161-9222	U	N type receptacle, panel mount	-----	3.25	3.02	2.60	2.32

"N" TYPE HI-REL (SATELLITE TV)

MOUSER STOCK NO.	Fig.	UG No.	Imp. (Ω)	Replaces Amphenol	Connector Type	Cable Type	Price Each			
							1	25	100	250
174-95043N	S	1185A/U	50	-------	Plug	-----------	4.32	3.02	2.25	1.94
164-95137N	Q	-------	50	35025	Socket	RG58/U, 141/U	2.25	2.05	1.86	1.69

TWINAXIAL HI-REL TYPE

Compatible with the following cables:
- Mouser No. 515-8000-12
- Beldon No. 9207
- Carol Cable No. C8000

Compatible with the following computer systems:
- IBM No's 34, 36, 38, & 5520
- ITT No. 3480

MOUSER STOCK NO.	Fig.	Description	Impedance (Ω)	Price Each
164-96068N	V	Bulkhead receptacle, IBM 7364498	105	9.35

Hi-Rel Accessories

164-96078N	W	TEE (Fx3) adaptor, IBM 6851167	105	64.63

Standard Types

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-9612	X	Twinaxial male connector	5.81	5.28	4.80	4.37
161-9611	Y	Twinaxial rear mount receptacle	7.50	6.00	5.40	4.86

UHF CONNECTORS

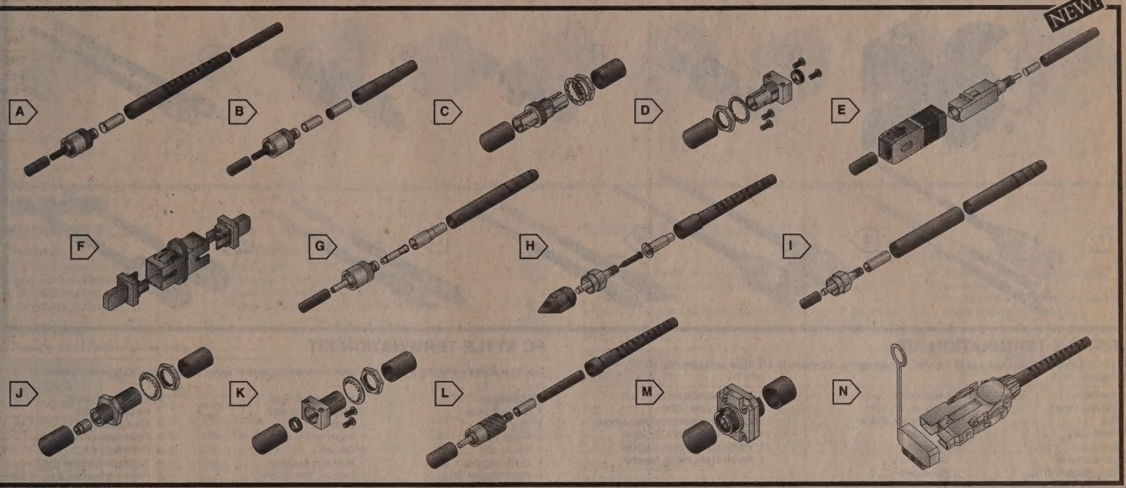
MOUSER STOCK NO.	Fig.	Amphenol Type	Description	Cable Type	Price Each			
					1	25	100	500
17PL259	Z	83-1SP	PL-259 straight plug	RG8, 9, 13	3.12	2.60	2.36	Call For Quote
17PL260	Z	---	PL-259 for RG-58	RG58/U, 141/U	2.90	2.42	2.20	
16PJ104	AA	83-875	Front panel mount	-----	1.95	1.77	1.61	
16S0239	BB	83-175	SO-239 panel receptacle	-----	2.14	1.79	1.62	

UHF WITH STRAIN RELIEF

MOUSER STOCK NO.	Fig.	Description	Cable Type	Price Each			
				1	10	100	500
171-9512	CC	UHF plug (PL259), with strain relief	RG58U, 59U	1.82	1.65	1.50	1.37
171-9511	DD	UHF plug (PL259), right angle	RG58U, 59U	1.82	1.65	1.50	1.37

AMP Fiber Optic Products

ber optic technology represents the next step in the evolution of electronic communication. An increasing concern is the sending of ever increasing amounts of information with greater efficiency in a minimum of space. ber optics offers specific advantages such as: wide bandwidth, low loss, electromagnetic immunity, small size, light weight, security, and safety.



ST STYLE COMPONENTS

ST Style Connectors

T style connectors are epoxy style connectors, keyed bayonet for quick interconnection. They are available in eramic and polymer composite ferrules. Order epoxy and epoxy applicators separately.

Specifications:

- 0.3dB typical insertion loss
- Temperature range: -30°C to +70°C (-20°C to + 75°C for 571-5034151)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ferrule Type	Fiber Size (µm)	Mode	Boot Type	Boot Color	Price Each		
							1	25	50
571-5013801	A	Ceramic	125	Multi	Long	Black	8.26	7.43	6.69
571-5013806	A	Ceramic	140	Multi	Long	Black	8.26	7.43	6.69
571-5025792	A	Ceramic	126	Single	Long	Yellow	12.16	11.40	11.02
571-5034151	B	Polymer	125	Multi	Short	Black	3.79	3.56	3.44

ST Style Receptacles

he ST style coupling receptacle can be used either in free-hanging or panel mount applications. The ST style ctive device receptacle joins ST connectors to LED's or detectors in T0-18, T0-46, and T0-52 active devices. hey can be mounted either through panel or to a printed circuit board.

MOUSER STOCK NO.	Fig.	Type	Body	Price Each			
				1	25	50	100
571-5040211	C	Coupling	Nickel	6.29	6.16	5.60	Call
571-5014741	D	Active device	Nickel	6.10	5.72	5.52	

SC STYLE COMPONENTS

SC Style Connectors

A single mode connector, compatible with all SC type connectors. High performance and simple assembly. Pre-radiused tip makes PC polishing simple, without the need for expensive polishing equipment.

0.3dB typical insertion loss
Temperature range: -20°C to +85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ferrule Type	Fiber Size (µm)	Mode	Boot Type	Boot Color	Price Each		
							1	25	50
571-5028822	E	Zirconia	126	Single	Long	Blue	19.94	17.92	17.33

SC Style Receptacles

Panel mountable receptacle mates 2 SC style connectors. Can be used for both multimode and singlemode. Plastic housing and metal alignment sleeve.

MOUSER STOCK NO.	Fig.	Type	Body Color	Price Each			
				1	25	50	100
571-5026328	F	Coupling	Blue	13.44	12.10	10.89	Call

LIGHTCRIMP XTC CONNECTORS

The XTC connectors are compatible with the ST Style Connectors. Termination is epoxyless, requiring a two-step crimp, cleave and 30 second polish, accomplished in less than two minutes.

- Insertion loss: Stainless steel: 0.4dB Ceramic: 0.2dB
- Temperature range: -10°C to +65°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ferrule Type	Fiber Size (µm)	Mode	Boot Type	Boot Color	Price Each		
							1	25	50
571-5040341	G	Stn steel	125	Multi	Long	Black	9.52	8.93	8.63
571-5040343	G	Stn steel	140	Multi	Long	Black	10.72	10.05	9.72
571-5040001	G	Ceramic	126	Single	Long	Black	25.31	23.73	22.94

FSMA COMPONENTS

FSMA Connectors

These connectors are compatible with all 905 and 906 FSMA connectors. The 905 type features a resilient polymer tip that self-aligns minimizing mating tolerance problems. The 906 type uses a plastic alignment sleeve on each plug. Single crimp design.

Specifications:

- 1.5dB typical insertion loss
- Temperature range: -55°C to +105°C
- Nickel-plated brass body

MOUSER STOCK NO.	Fig.	Fiber Size (µm)	Mode	Type	Price Each			
					1	25	50	100
571-5010031	H	125	Multi	905 FSMA I	8.86	7.97	7.17	Call For Quote
571-5010032	H	140	Multi	905 FSMA I	8.86	7.97	7.17	
571-5040141	I	125	Multi	906 FSMA II	9.95	9.33	9.02	
571-15040140	I	140	Multi	906 FSMA II	9.95	9.33	9.02	

FSMA Receptacles

The FSMA coupling receptacle joins two free-hanging or panel mounted FSMA connectors. The FSMA active device mount accepts T0-18, T0-46, and T0-52 packages. Active device mount is either panel mount or printed circuit board mount. Both receptacle styles include lock washer, jam nut, alignment sleeve, and dust cap.

MOUSER STOCK NO.	Fig.	Type	Body	Price Each			
				1	25	50	100
571-5010491	J	Coupling	Stainless steel	10.75	10.08	9.74	Call
571-5010551	K	Active device	Stainless steel	10.85	10.17	9.83	

FC STYLE COMPONENTS

FC Style Connectors

Compatible with all FC type connectors. High performance and simple assembly. Pre-radiused ferrule ensures a PC finish.

Specifications:

- 0.3dB typical insertion loss
- Temperature range: -20°C to +85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Fiber Size (µm)	Mode	Boot Type	Boot Color	Price Each		
						1	25	50
571-15015053	L	126	Single	Long	Yellow	21.58	20.24	19.56

FC Style Receptacles

Panel mounting receptacle mates 2 FC type connectors. Use for both multimode and single mode metal alignment sleeve.

MOUSER STOCK NO.	Fig.	Type	Body	Price Each			
				1	25	50	100
571-5015062	M	Coupling	Nickel	10.82	10.14	9.80	Call

FDDI (FSD) CONNECTORS

Amp fixed shroud duplex (FSD) connectors meet the specifications of ANSI X3T9 (FDDI). Plastic housing, polypropylene bend-limiting strain relief. Designed-in polarization with type A, B, and M keys.

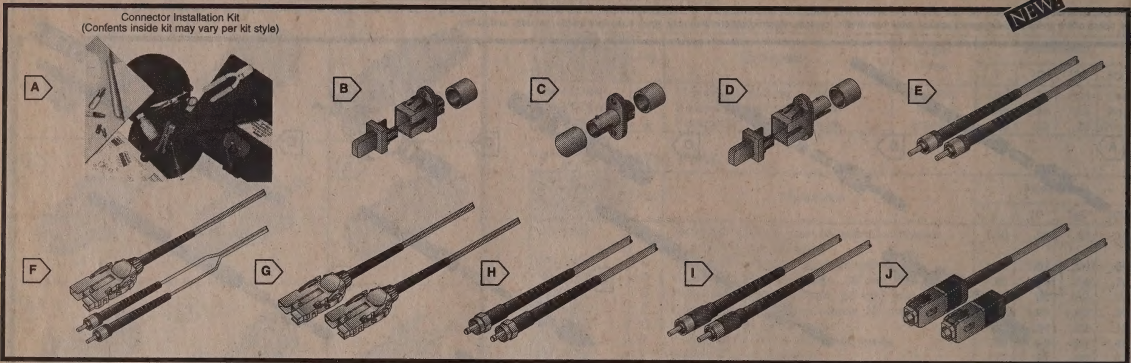
Specifications:

- 0.3dB typical insertion loss

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ferrule Type	Fiber Size (µm)	Mode	Cable Type	Price Each		
						1	25	50
571-5020151	N	Ceramic	125	Multi	Light duty dual	19.44	18.23	17.62

AMP Fiber Optic Kits / Products


Connector Installation Kit
(Contents inside kit may vary per kit style)

ST STYLE TERMINATION KIT

This kit includes the crimp tool and all supplies, except epoxy, necessary to terminate approximately 60 ST connectors.

Kit Contains:
1 Carrying case
1 Tray
1 Polish plate
1 Scribe tool
1 Cable stripper
1 Fiber stripper, .012
1 Lapping film, 1µm
1 Lapping film, 5µm
1 Lapping film, 0.3µm
1 Scissors
1 Hand tool
1 Die set
1 Polish pad
6 Epoxy applicators
1 Fiber stripper, .008
3 2.5mm bayonet protective sleeve
1 Polish bush, black, bayonet
1 Polish bush, beige, bayonet
1 Polish bush, metal, bayonet

MOUSER STOCK NO.	Fig.	Description	Price Each
571-5012829	A	ST Termination Kit	641.28

LIGHTCRIMP XTC STYLE TERMINATION KIT

Includes all tools and accessories to terminate LightCrimp XTC style connectors. Includes 10 sheets of each type of polishing film.

Kit Contains:
1 Carrying case
1 Tray
1 Foam pad
1 Case label
1 Parts label
1 Polish plate
1 Hand tool
1 Cable stripper
1 Cleave tool
1 Scissors
1 Fiber stripper (.010)
1 Polish pad
1 Lapping film .3µm
1 Lapping film 5µm
1 Polishing bushing, metal
1 Fiber stripper .008
1 Polishing bushing, black plastic
1 Cable prep template

MOUSER STOCK NO.	Fig.	Description	Price Each
571-5031251	A	XTC Termination Kit	724.09

SC STYLE TERMINATION KIT

Kit includes crimp tool and all accessories, except epoxy, for the termination of SC style connectors.

Kit Contains:
1 Carrying case
1 Tray
1 Foam pad
1 Cable prep template
1 Cable stripper
1 Scissors
1 Fiber stripper, .012 in.
1 Fiber stripper, .008 in.
10 Epoxy applicators
1 Hand tool
1 Die assembly
10 Fiber protector, AMP SC
1 Scribe tool, sapphire
10 Polishing bushing, AMP SC
1 Polishing plate
3 Polishing pad, green
1 Lapping film, 5.0 µm
1 Lapping film 0.3µm
1 Polishing film, final

MOUSER STOCK NO.	Fig.	Description	Price Each
571-5026961	A	SC Termination Kit	612.73

FDDI (FSD) STYLE TERMINATION KIT

Includes crimp tool and all accessories, except epoxy, necessary to terminate FSD connectors.

Kit Contains:
1 Carrying case
1 Tray
1 Polish plate
1 Hand tool
1 Die assembly
1 Cable stripper
1 Scribe tool
1 Scissors
6 Epoxy applicators
3 Resilient pads
1 Fiber stripper, .012
1 Assy. fixture kit - FSD
1 Lapping film, 5µm
1 Lapping film, 1µm
1 Lapping film, 0.3µm
1 Fiber stripper, .008
1 Assy. fixture kit - RSO
1 Assy. fixture kit - FSD MC

MOUSER STOCK NO.	Fig.	Description	Price Each
571-5018001	A	FSD Termination Kit	999.99

FSMA STYLE TERMINATION KIT

Kit includes crimp tool and all necessary accessories, except epoxy and applicators, to terminate approximately 60 connectors.

Kit Contains:
1 Carrying case
1 Tray
1 Polish plate
1 Hand tool
1 Scribe tool
1 Cable stripper
1 Fiber stripper, .012µm
1 Lapping film, 1µm
1 Lapping film, 5µm
1 Lapping film, 0.3µm
1 Polishing bushing
1 Scissors
1 Fiber stripper, .008
3 FSMA protective sleeve

MOUSER STOCK NO.	Fig.	Description	Price Each
571-5012821	A	FSMA Termination Kit	641.83

FC STYLE TERMINATION KIT

This kit includes crimp tool and all necessary accessories, except epoxy, to terminate FC type connectors.

Kit Contains:
1 Carrying case
1 Tray
1 Polish plate
1 Scribe tool
1 Cable stripper
1 Fiber stripper, .012
1 Lapping film, 5µm
10 Alcohol fiber wipe
1 Scissors
1 Hand tool
1 Die set
1 Polishing bushing
1 Lapping film, 0.3µm
6 Epoxy applicators
1 Protective cover
1 Final polish film
1 Fiber stripper, .008
3 Polishing pad
1 Tuning tool 2.0mm THD
1 Polishing bushing 2.0mm THD

MOUSER STOCK NO.	Fig.	Description	Price Each
571-5012828	A	FC Termination Kit	961.48

FIBER OPTIC HYBRID ADAPTERS

- Thermoplastic body
- Ceramic alignment sleeve
- Black color

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
571-5027814	B	SC to FC type coupling receptacle	18.32	17.31	16.29	Call For Quote
571-5027824	C	FC to ST type coupling receptacle	18.32	17.31	16.29	
571-5027804	D	SC to ST type coupling receptacle	18.32	17.31	16.29	

FIBER OPTIC CABLE ASSEMBLIES

These pre-terminated assemblies can be used for equipment hookup, testing, or experimentation. These assemblies are manufactured with 62.5/125, FDDI grade, OFNR rated cable. They are 100% tested.

MOUSER STOCK NO.	Fig.	Description	Length	No. of Fibers	Price Each			
					1	5	10	20
571-5021441	E	ST/ST	1 meter	1	32.16	30.15	29.15	Call For Quote
571-5021251	F	FDDI/ST	1 meter	2	70.93	66.50	64.28	
571-5021221	G	FDDI/FDDI	1 meter	2	75.36	70.65	68.30	
571-5021491	H	FSMA/FSMA	1 meter	1	32.50	30.47	29.45	

FIBER OPTIC CABLE ASSEMBLIES

Singlemode

MOUSER STOCK NO.	Fig.	Description	Length	No. of Fibers	Price Each			
					1	5	10	20
571-5018685	I	FC/FC	1 meter	1	41.90	39.29	37.98	Call
571-5031661	J	SC/SC	1 meter	1	40.30	37.79	36.53	

FIBER OPTIC CONSUMABLES

MOUSER STOCK NO.	Description	Price Each
571-5024181	General purpose epoxy	29.26
571-2284338	Package of 10, 8 1/2" x 11" sheets polishing film, 5µ	50.70
571-2284337	Package of 10, 8 1/2" x 11" sheets polishing film, 1µ	50.70
571-2284335	Package of 10, 8 1/2" x 11" sheets polishing film, .3µ	50.70

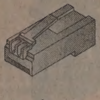
MOUSER STOCK NO.	Description	Price Each		
		1	25	50
571-5014733	Epoxy applicator syringes	.82	.77	.74

FIBER OPTIC CABLE

1 = Measured in dB/Km 2 = Measured in MHz-Km All cable premium proof test rated fiber of 100Kpsi For quantities greater than listed, call for quote.

Fiber Size (µm)	Description	Jacket Color	Atten[1] (max) 850nm	Atten[1] (max) 1300nm	Bandwidth[2] (max) 850nm	Bandwidth[2] (min) 1300nm	MOUSER STOCK NO.	Price Per Meter			MOUSER STOCK NO.	Price Per Reel
								1	15	30		
50/125	Single-Riser	Black	3.5	2.0	400	400	571-5020821	1.73	1.57	1.43	571-5020821/REEL	129.60
62.5/125	Single-Riser	Black	3.5	1.5	160	500	571-5020831	2.08	1.89	1.72	571-5020831/REEL	156.80
100/140	Single-Riser	Black	5.0	4.0	100	200	571-5020841	2.73	2.48	2.25	571-5020841/REEL	204.80
Singlemode	Single-Riser	Yellow	- - -	1.0	- - -	- - -	571-5015301	1.83	1.66	1.51	571-5015301/REEL	137.60

Modular Connectors and Cable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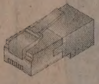
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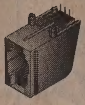
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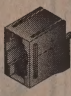
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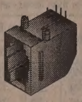
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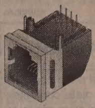
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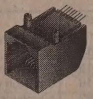
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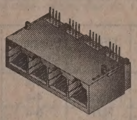
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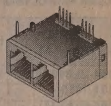
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AMP

MODULAR PLUGS

Features

- FCC and telephone industry standard size and performance
- UL and CSA approved
- Selectively gold plated

Specifications:

- Voltage rating: 150VAC max @ 1.5 amps
- Dielectric withstanding voltage: 1000VAC
- Insulation resistance: 500MΩ
- Housing material: poly carbonate, UL 94V-0 rated

E81956

Unshielded

† Accepts 26-24 AWG solid wire cable

MOUSER STOCK NO.	Fig.	Contact Position	Description	Price Each			
				1	10	100	500
571-6413343	A	4-4	Handset Plug	.24	.20	.17	Call For Quote
571-6413353	A	6-4	Plug for flat line cord	.24	.20	.17	
571-6413373	A	6-6	Plug for flat line cord	.29	.24	.20	
† 571-5550423	A	6-6	Plug for solid wire cable	.30	.25	.21	
571-5547393	A	8-8	Plug for flat line cord	.76	.64	.53	
571-5541693	A	8-8	Plug for round cable	.77	.63	.53	
571-5547433	A	8-8K	Keyed plug for flat line cord	.77	.63	.53	Call For Quote
571-5541703	A	8-8K	Keyed plug for round cable	.77	.63	.53	
† 571-5547203	A	8-8	Plug for solid wire cable	.82	.68	.57	

Shielded

MOUSER STOCK NO.	Fig.	Contact Position	Description	1	10	100	500
571-5551742	B	6-6	Plug for flat line cord	1.52	1.25	1.05	Call For Quote
571-5551753	B	6-6	Plug for round cable	1.66	1.37	1.16	
571-5551783	B	8-8	Plug for flat line cord	1.84	1.52	1.28	
571-5551793	B	8-8	Plug for round cable	1.84	1.52	1.28	
571-5569853	B	8-8K	Keyed plug for round cable	1.84	1.52	1.28	

PCB MODULAR JACKS

Features

- Complies with FCC part 68 rules and regulations, REA PE-76, and UL 1863; communication circuit accessories
- Meets 1000 volt dielectric requirement
- Designed for ease of soldering and board cleaning

Specifications:

- Current rating: 1.5 amp max @ 25°C
- Voltage rating: 150VAC max
- Insulation resistance: 500MΩ min
- Reliability: 750 mating cycles

E81956

Standard Profile With Panel Stops

MOUSER STOCK NO.	Fig.	Contact Position	Description	Price Each			
				1	10	100	500
571-5202492	C	4-4	Side entry, handset	.84	.69	.58	Call For Quote
571-5202502	C	6-4	Side entry	.88	.72	.61	
571-5202503	C	6-6	Side entry	.89	.73	.62	
571-5202514	C	8-8	Side entry	.94	.78	.65	
571-5202524	C	8-8K	Side entry, Kyd	.94	.78	.65	
571-5202572	D	4-4	Top entry, handset	.84	.69	.58	
571-5202582	D	6-4	Top entry	.88	.72	.61	
571-5202583	D	6-6	Top entry	.89	.73	.62	Call For Quote
571-5202594	D	8-8	Top entry	.94	.78	.65	
571-5202604	D	8-8K	Top entry, Kyd	.94	.78	.65	

Low Profile With Panel Stops

MOUSER STOCK NO.	Fig.	Contact Position	Description	1	10	100	500
571-5551632	E	6-4	Side entry	.97	.81	.68	Call For Quote
571-5551631	E	6-6	Side entry	.98	.81	.69	
571-5551621	E	8-8	Side entry	1.04	.86	.73	
571-5551661	E	8-8K	Side entry, Kyd	1.04	.86	.73	

SHIELDED MODULAR JACKS

Features

- Jacks available with two grounding options: PC and Panel
- Jack and plug system offer 20db shielding effectiveness from 30MHz to 400MHz
- Shielded plugs can be inserted in shielded and unshielded jacks

Specifications:

- Shielding material: tin-lead plated copper alloy
- Housing material: polyester UL94V-0 (wave solder compatible)

PCB Ground

MOUSER STOCK NO.	Fig.	Contact Position	Description	Price Each			
				1	10	100	500
571-5551542	F	6-4	Side entry	1.20	1.00	.77	Call For Quote
571-5551541	F	6-6	Side entry	1.45	1.21	1.10	
571-5551531	F	8-8	Side entry	1.51	1.26	1.14	
571-5565911	F	8-8K	Keyed side entry	1.54	1.28	.98	

Panel Ground

MOUSER STOCK NO.	Fig.	Contact Position	Description	Price Each			
				1	10	100	500
571-5551402	F	6-4	Side entry	1.35	1.13	.87	Call For Quote
571-5551401	F	6-6	Side entry	1.37	1.14	.88	
571-5551411	F	8-8	Side entry	1.46	1.22	.94	

SURFACE MOUNT JACKS

Features

- Selectively gold plated for lower cost
- Compatible with vapor phase environment
- Meets or exceeds FCC part 68 rules and regulations

Specifications:

- Housing material: polyphenylene sulfide UL94V-0
- Voltage rating: 150VAC
- Current rating: 1.5 amps

MOUSER STOCK NO.	Fig.	Contact Position	Description	Price Each			
				1	10	100	500
571-5550772	G	6-4	SMT with panel stops	1.08	.90	.75	Call For Quote
571-5550771	G	6-6	SMT with panel stops	1.08	.90	.75	
571-5552481	G	8-8	SMT with panel stops	3.07	2.56	2.13	
571-5550781	G	8-8K	Keyed SMT with panel stops	1.15	.96	.80	

MULTI-PORT MODULAR JACKS

Features

- Complies with FCC part 68 rules and regulations
- Low profile and narrow width
- Available in shielded and unshielded types

Specifications:

- Current rating: 1.5 amp max @ 25°C
- Voltage rating: 150VAC max
- Insulation resistance: 500MΩ min
- Housing material: polysulfone, black, UL 94V-0 rated

Unshielded

MOUSER STOCK NO.	Fig.	Contact Position	Description	Price Each			
				1	10	100	500
571-5575601	H	8-8	2 position jack	2.60	2.15	1.64	Call For Quote
571-5575611	H	8-8	3 position jack	3.91	3.23	2.47	
571-5575621	H	8-8	4 position jack	5.22	4.31	3.29	

Shielded

MOUSER STOCK NO.	Fig.	Contact Position	Description	1	10	100	500
571-5575701	I	8-8	2 position jack	4.58	3.78	2.89	Call
571-5575711	I	8-8	4 position jack	6.46	5.34	4.07	

FLAT MODULAR TELEPHONE CABLE

This modular telephone cable is UL Recognized. It is available in 4, 6, and 8 conductor in three colors: silver satin, black and white. It is sold in 1000'spools or "By The Foot". "By The Foot" orders will be shipped in a simple continuous coil of the number of feet ordered.

Features:

- Available in black, white or silver satin
- Tinned copper conductors prevent corrosion
- Compatible with all USOC modular plugs

Specifications:

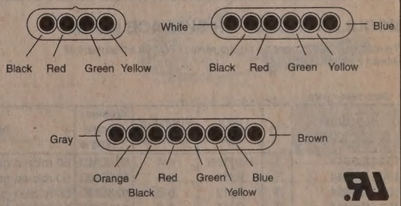
- 26 AWG, 7 x 34 stranding
- Conductors are USOC color coded
- PVC jacket
- UL Recognized by Underwriter's Laboratories Inc.®

By The Foot / By The 1000' Spool

MOUSER STOCK NO.	No. of Conductors	Color	Price Per Foot				SPOOL STOCK NO.	Price Per 1000' Spool			
			1	50	100	250		1	5	10	25
172-UL4010-FT	4	Silver Satin	.12	.09	.084	.076	172-UL4010	57.75	52.55	47.82	43.50
172-UL6010-FT	6	Silver Satin	.18	.14	.128	.116	172-UL6010	74.75	68.02	61.90	56.33
172-UL8010-FT	8	Silver Satin	.25	.19	.176	.16	172-UL8010	101.20	92.09	83.80	72.26
172-UL4110-FT	4	Black	.12	.09	.084	.076	172-UL4110	57.75	52.55	47.82	43.50
172-UL6110-FT	6	Black	.18	.14	.128	.116	172-UL6110	74.75	68.02	61.90	56.33
172-UL8110-FT	8	Black	.25	.19	.176	.16	172-UL8110	101.20	92.09	83.80	72.26
172-UL4210-FT	4	White	.12	.09	.084	.076	172-UL4210	57.75	52.55	47.82	43.50
172-UL6210-FT	6	White	.18	.14	.128	.116	172-UL6210	74.75	68.02	61.90	56.33
172-UL8210-FT	8	White	.25	.19	.176	.16	172-UL8210	101.20	92.09	83.80	72.26

Now available in silver, black, and white

Cable Diagrams



Modular Plugs and Jacks

MODULAR PLUGS

† UL † FCC

E162960

(Types marked with † meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863)

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ✻	Material	Color	Price Each 1	10	100
† 154-UL6164	A	Handset	4-4	616	50 micron gold plate contacts	Clear	.23	.19	.16
154-7616	A	Handset	4-4	616	6 micron gold plate contacts	Clear	.21	.17	.14
† 154-UL6234	A	RJ11	6-4	623	50 micron gold plate contacts	Clear	.23	.19	.16
154-7623-4	A	RJ11	6-4	623	6 micron gold plate contacts	Clear	.21	.17	.14
† 154-UL6236	A	RJ12	6-6	623	50 micron gold plate contacts	Clear	.28	.23	.19
154-7623-6	A	RJ12	6-6	623	6 micron gold plate contacts	Clear	.25	.21	.17
154-523B4	B	RJ11	6-4	523B4	6 micron gold plate contacts	Gray	2.09	1.75	1.60
154-523B6	B	RJ12	6-6	523B6	6 micron gold plate contacts	Gray	2.39	1.99	1.82
† 154-UL6418	A	RJ45	8-8	641	50 micron gold plate contacts	Clear	.75	.60	.52
154-7641	A	RJ45	8-8	641	6 micron gold plate contacts	Clear	.68	.54	.47

MODULAR JACKS WITH 4" WIRE LEADS

† UL † FCC

E147997

(Types marked with † meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863)

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ✻	Material	Color	Price Each 1	10	100
† 154-UL616B	C	Handset	4-4	616B	50 micron gold plate contacts	Gray	1.28	1.19	1.10
154-616B-4P	C	Handset	4-4	616B	6 micron gold plate contacts	Gray	1.39	1.15	.95
154-7616C	D	Handset	4-4	616C	6 micron gold plate contacts	Gray	1.39	1.15	.95
154-7616D	E	Handset	4-4	616D	6 micron gold plate contacts	Gray	1.39	1.15	.95
† 154-UL616M	F	Handset	4-4	616M	50 micron gold plate contacts	Gray	1.28	1.19	1.10
154-7616M	F	Handset	4-4	616M	6 micron gold plate contacts	Gray	1.39	1.15	.95
154-616P	G	Handset	4-4	616P	6 micron gold plate contacts	Gray	1.39	1.15	.95
16HK616	H	Handset	4-4	616T	6 micron gold plate contacts	Gray	1.39	1.15	.95
† 154-UL616W	I	Handset	4-4	616W	50 micron gold plate contacts	Gray	1.28	1.19	1.10
154-7616W	I	Handset	4-4	616W	6 micron gold plate contacts	Gray	1.39	1.15	.95
154-623D4	J	RJ11	6-4	623D4	6 micron gold plate contacts	Gray	1.39	1.15	.95
154-623D	J	RJ12	6-6	623D6	6 micron gold plate contacts	Gray	1.18	.91	.83
† 154-UL623K4	K	RJ11	6-4	623K4	50 micron gold plate contacts	Gray	1.33	1.25	1.14
16HK623	K	RJ11	6-4	623K4	6 micron gold plate contacts	Gray	1.39	1.15	.95
† 154-UL623K6	K	RJ12	6-6	623K6	50 micron gold plate contacts	Gray	1.63	1.53	1.40
154-7623K6	K	RJ12	6-6	623K6	6 micron gold plate contacts	Gray	1.42	1.17	.97
154-623P6-4P	L	RJ11	6-4	623P4	6 micron gold plate contacts	Gray	1.39	1.15	.95
† 154-UL623P	L	RJ12	6-6	623P	50 micron gold plate contacts	Gray	1.70	1.60	1.46
154-7623P6	L	RJ12	6-6	623P6	6 micron gold plate contacts	Gray	.90	.69	.63
154-623T4	M	RJ11	6-4	623T4	6 micron gold plate contacts	Gray	1.39	1.15	.95
154-2009	M	RJ12	6-6	623T6	6 micron gold plate contacts	Gray	1.05	.81	.74
154-7652A4	N	RJ11	6-4	652A4	6 micron gold plate contacts	Gray	1.09	.83	.76
154-7652A6	N	RJ12	6-6	652A6	6 micron gold plate contacts	Gray	1.29	1.09	.99
† 154-UL641D	N	RJ45	8-8	641D	50 micron gold plate contacts	Gray	2.76	2.59	2.37
154-7641D	N	RJ45	8-8	641D	6 micron gold plate contacts	Gray	1.27	1.06	.96
154-647	N	RJ45	8-8K	647	6 micron gold plate contacts	Gray	1.69	1.42	1.29

MODULAR JACKS WITH PCB LEADS

† UL † FCC

E157358(N)

(Types marked with † meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863)

- Glass filled nylon

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ✻	Material	Color	Price Each 1	10	100
† 154-UL616PCB	O	Handset	4-4	616PCB	50 micron gold plate contacts	Gray	.83	.68	.57
† 154-UL6441	P	Handset	4-4	616PCB	50 micron gold plate contacts	Black	.83	.68	.57
† 154-UL6442	Q	Handset	4-4	616PCB	50 micron gold plate contacts	Black	.83	.68	.57
† 154-UL6443	R	Handset	4-4	616PCB	50 micron gold plate contacts	Black	1.22	1.13	.98
154-616TP-4P	O	Handset	4-4	616PCB	6 micron gold plate contacts	Gray	.75	.61	.51
† 154-UL623-4PCB	O	RJ11	6-4	623PCB	50 micron gold plate contacts	Gray	.87	.71	.60
† 154-UL623-6PCB	O	RJ12	6-6	623PCB	50 micron gold plate contacts	Gray	.88	.72	.61
154-623PCB	O	RJ12	6-6	623PCB	6 micron gold plate contacts	Gray	.79	.65	.55
† 154-UL6641	P	RJ11	6-4	623PCB	50 micron gold plate contacts	Black	.87	.71	.60
† 154-UL6661	P	RJ12	6-6	623PCB	50 micron gold plate contacts	Black	.88	.72	.61
† 154-UL6642	Q	RJ11	6-4	623PCB	50 micron gold plate contacts	Black	.87	.71	.60
† 154-UL6662	Q	RJ12	6-6	623PCB	50 micron gold plate contacts	Black	.88	.72	.61
† 154-UL6643	R	RJ11	6-4	623PCB	50 micron gold plate contacts	Black	1.22	1.13	.96
† 154-UL6663	R	RJ12	6-6	623PCB	50 micron gold plate contacts	Black	.97	.80	.68
† 154-UL6881	P	RJ45	8-8	641PCB	50 micron gold plate contacts	Black	.93	.77	.64
† 154-UL6882	Q	RJ45	8-8	641PCB	50 micron gold plate contacts	Black	.93	.77	.64
† 154-UL6883	R	RJ45	8-8	641PCB	50 micron gold plate contacts	Black	1.03	.85	.72
154-7641PCB	S	RJ45	8-8	641PCB	6 micron gold plate contacts	Gray	.84	.70	.58

MODULAR JACKS FOR SURFACE MOUNT

† UL † FCC

E157358(N)

(Types marked with † meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863)

- Glass filled nylon

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ✻	Material	Color	Price Each 1	10	100
† 154-UL6444	T	Handset	4-4	616SMD	50 micron gold plate contacts	Black	1.07	.89	.74
† 154-UL6644	T	RJ11	6-4	623SMD	50 micron gold plate contacts	Black	1.07	.89	.74
† 154-UL6664	T	RJ12	6-6	623SMD	50 micron gold plate contacts	Black	1.07	.89	.74
† 154-UL6884	T	RJ45	8-8	641SMD	50 micron gold plate contacts	Black	3.06	2.55	2.12

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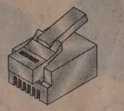

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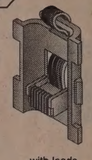
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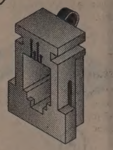

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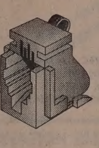

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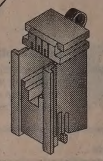

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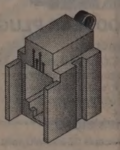

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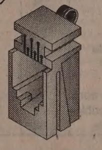

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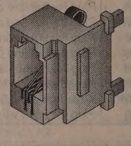

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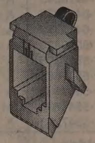

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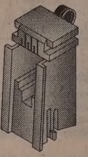

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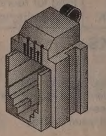

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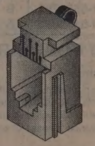

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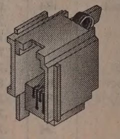

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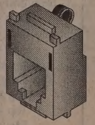

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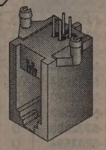
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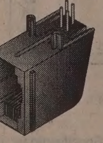
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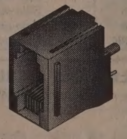
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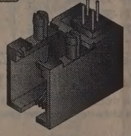
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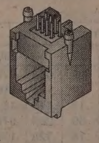
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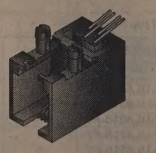

SMD

✻ 616 Type - 4 conductor for handset to telephone use; 623 type - 4 or 6 conductor for telephone to wall use; 641 type - 8 conductor for telephone to wall or modem dialer use.

Modular Connectors and Accessories

MODULAR TELEPHONE GANGED JACKS

The ganged jack, originally developed as a labor and space saving jack for OEM use, now has found extensive use in many new product designs. Modems, answering machines, and office equipment are but a few of the many potential applications.

Features:
- Western Electric 623 type
- 4 or 6 conductors
- 2-8 gang assemblies
- Color: gray

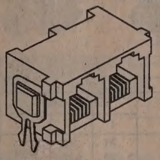
Specifications:
- 50 micron gold plated contacts
- FCC/CFR 47 part 68 sub part F
- UL 1863-90
- UL 94V-0 (25% glass filled nylon 66)

FCC

E157358(N)

Meets FCC and UL Requirements

PC Mounting

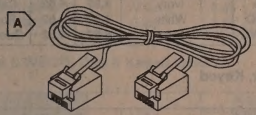


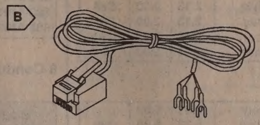
(2 Gang Illustrated)

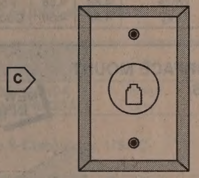
6 Position Modular Gang Jacks

MOUSER STOCK NO.	Description			Price Each			
				1	10	100	500
154-6402	6P/4C	2 GANG	Western Electric, 623/RJ-11 PCB Type, (P) Position or Cavity Size (C) Conductors or Contacts	2.79	2.55	2.32	Call For Quote
154-6602	6P/6C	2 GANG		3.22	2.95	2.68	
154-6403	6P/4C	3 GANG		3.53	3.24	2.95	
154-6603	6P/6C	3 GANG		4.57	4.19	3.81	
154-6404	6P/4C	4 GANG		4.53	4.15	3.77	
154-6604	6P/6C	4 GANG		5.92	5.42	4.93	
154-6405	6P/4C	5 GANG		5.95	5.41	4.86	
154-6605	6P/6C	5 GANG		7.32	6.65	5.99	
154-6406	6P/4C	6 GANG		7.05	6.41	5.76	
154-6606	6P/6C	6 GANG		8.69	7.90	7.11	Call For Quote
154-6407	6P/4C	7 GANG		8.14	7.40	6.66	
154-6607	6P/6C	7 GANG		10.10	9.19	8.27	
154-6408	6P/4C	8 GANG		9.75	8.12	7.39	
154-6608	6P/6C	8 GANG		12.79	11.63	10.47	

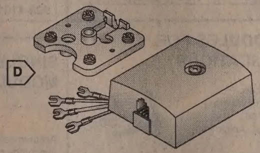
MODULAR PLUGS AND ACCESSORIES

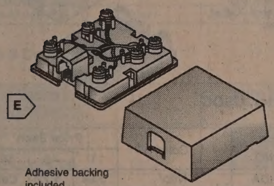




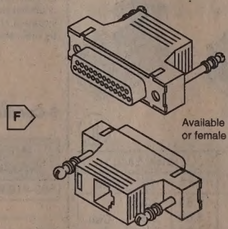


(RJ 11 Type)





Adhesive backing included



Available in male or female RS 232

Features:
- Contacts: 6 micro inch gold plated-phosphor bronze
- Housing material: ABS and polycarbonate
- 4-conductor, color-coded wiring
- Jacket insulation: PVC
- Ivory color
- Leads: 26 AWG, 7 strand

Modular Cables

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Western Electric Type	Cable Lth. (ft.)	Description	Price Each		
					1	10	100
154-3001	A	D4BU-7	7	6P/4C plug to 6P/4C plug	2.09	1.60	1.46
154-3002	A	D4BU-15	15	6P/4C plug to 6P/4C Plug	2.65	2.03	1.85
154-3003	B	D4QK-7	7	6P/4C plug to 4 spade term	1.35	1.20	1.06
154-1001	B	D6QK-7	7	6P/6C plug to 6 spade term	2.45	2.04	1.85
154-1002	B	D8AB-07-87	7	8P/8C plug to 8 spade term	3.58	2.98	2.71

* 616 type, 4 conductor for handset to telephone use
* 623/RJ-11 type, 4 or 6 conductor for telephone to wall use
* 641/RJ-45 type, 8 conductor for telephone to wall or modem-dialer use.

Modular Jack Plates

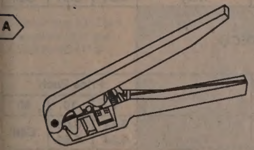
MOUSER STOCK NO.	Fig.	* Western Electric Type	Description	Price Each			
				1	10	100	500
154-3006	C	625B4-4	6P/4C plate/modular jack	1.89	1.69	1.39	Call For Quote
154-3007	D	625A4	6P/4C surface mount jack	3.99	3.06	2.79	
154-3008	E	625BS-6	6P/6C surface mount jack	2.58	2.15	1.95	
154-2002	E	635	8P/8C surface mount jack	3.48	2.90	2.64	

RS232/Modular Jack Adaptors

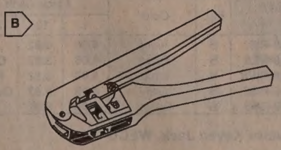
Allows the use of low cost 4, 6, or 8 conductor modular cables between computers and peripherals.

MOUSER STOCK NO.	Fig.	Description		Price Each			
				1	5	10	20
154-2566M	F	Male	6P/6C	6.25	5.63	4.99	Call For Quote
154-2566F	F	Female	6P/6C	6.25	5.63	4.99	
154-2588M	F	Male	8P/8C	7.16	6.44	5.79	
154-2588F	F	Female	8P/8C	7.16	6.44	5.79	

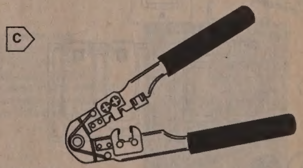
MODULAR CRIMPING TOOLS



4 Position, Modular Plug Crimping Tool



6 Position, Modular Plug Crimping Tool



Heavy Duty, Modular Plug Crimping Tool

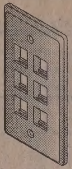
Crimping Tools For Modular Connectors

MOUSER STOCK NO.	Fig.	Type Of Use	Price Each			
			1	5	10	25
382-8110	A	4P/4C modular plugs	7.99	6.99	5.49	Call
382-8100	B	6P/4C modular plugs	7.99	6.99	5.49	

MOUSER STOCK NO.	Fig.	Type Of Use	Price Each	
			1	5
556-WS23B	C	6P/4C, and 6P/6C modular plugs	13.99	12.59
556-WS24B	C	8P/8C modular plugs	15.99	14.39

LEVITON Modular Wallplates, Snap-In Modules, and Jacks

INFO TAP QUICKPORT™ SIX-PORT WALLPLATES

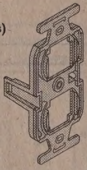


Houses six InfoTap Snap-In Modules, which you select and snap in. The snap-in jacks are individually terminated using IDCs with punchdown caps for quick installation. UL listed, meet FCC Part 68 requirements, and NEC Article 800.

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41080-6IP	Ivory	2.13	2.00	Call For Quote
503-41080-6WP	White	2.13	2.00	
503-41080-6GP	Gray	2.13	2.00	
503-41080-6BP	Brown	2.13	2.00	
503-41080-6EP	Black	2.13	2.00	

INFO TAP TR PLUS®

(For Standard Duplex Wallplates)

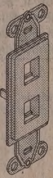


Provides mounting for any combination of Token Ring connectors in a standard wall box with a standard wallplate. Meets FCC part 68 requirements.

- Includes blank bracket, no jacks

MOUSER STOCK NO.	Color	Price Each		
		1	10	20
503-41070-I	Ivory	4.80	4.50	Call For Quote
503-41070-W	White	4.80	4.50	
503-41070-G	Gray	4.80	4.50	

INFO TAP DECORA PLUS®



Allows field installation of up to two InfoTap® Snap-In modules. Meets FCC part 68 requirements.

- Includes blank bracket, no jacks

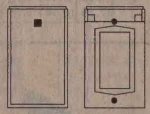
MOUSER STOCK NO.	Color	Price Each		
		1	10	20
503-41642-I	Ivory	4.16	3.90	Call For Quote
503-41642-W	White	4.16	3.90	
503-41642-GY	Gray	4.16	3.90	
503-41642-B	Brown	4.16	3.90	
503-41642-E	Black	4.16	3.90	

WEATHER RESISTANT COVERS

Features:

- Backed by Leviton's limited two-year warranty
- Easy-grip self-closing covers with durable, non-corrosive stainless steel springs
- Color: Gray
- Mounting screw and rubber gasket included

A



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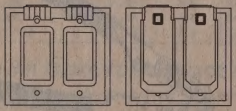

*Not CSA Certified

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
503-4998-GY	A	1-GANG self-closing lid for mounting on FS type box	5.42
* 503-4988-GY	B	2-GANG self-closing lid	8.48

INFO TAP® SNAP-IN MODULES

Designed to snap in and out of the Decora Plus, InfoTap TR Plus, and QuickPort Six-Port Wallplate. Modules are UL listed, meet FCC Part 68 requirements, and fully comply with NEC Article 800.

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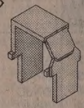

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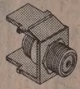

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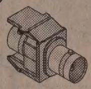


Blank Filler

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	50
503-41084-BIB	A	Ivory	.21	.20	Call For Quote
503-41084-BWB	A	White	.21	.20	
503-41084-BGB	A	Gray	.21	.20	
503-41084-BBB	A	Brown	.21	.20	
503-41084-BEB	A	Black	.21	.20	

F Connector

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	50
503-41084-FIF	B	Ivory	2.13	2.00	Call For Quote
503-41084-FWF	B	White	2.13	2.00	
503-41084-FGF	B	Gray	2.13	2.00	
503-41084-FBF	B	Brown	2.13	2.00	
503-41084-FEF	B	Black	2.13	2.00	

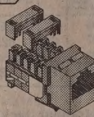
BNC Connector

503-41084-BIF	C	Ivory	5.33	5.00	Call For Quote
503-41084-BWF	C	White	5.33	5.00	
503-41084-BGF	C	Gray	5.33	5.00	
503-41084-BBF	C	Brown	5.33	5.00	
503-41084-BEF	C	Black	5.33	5.00	

INFO TAP® SNAP-IN MODULES FOR 22/24 AWG WIRE APPLICATIONS

Designed to snap in and out of the Decora Plus, InfoTap TR Plus, and QuickPort Six-Port Wallplate. Modules are UL listed, meet FCC Part 68 requirements, and fully comply with NEC Article 800.

A



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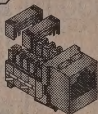

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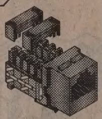


6-Conductor Jack, USOC

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	50
503-41106-RI6	A	Ivory	3.54	3.32	Call For Quote
503-41106-RW6	A	White	3.54	3.32	
503-41106-RG6	A	Gray	3.54	3.32	
503-41106-RB6	A	Brown	3.54	3.32	
503-41106-RE6	A	Black	3.54	3.32	

8-Conductor Jack, USOC

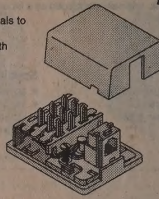
MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	50
503-41108-RI8	B	Ivory	4.08	3.82	Call For Quote
503-41108-RE8	B	Black	4.08	3.82	
503-41108-RW8	B	White	4.08	3.82	
503-41108-RG8	B	Gray	4.08	3.82	
503-41108-RB8	B	Brown	4.08	3.82	

8-Conductor Keyed Jack, WECO

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	50
503-41108-KI3	C	Ivory	4.08	3.82	Call For Quote
503-41108-KW3	C	White	4.08	3.82	
503-41108-KG3	C	Gray	4.08	3.82	
503-41108-KB3	C	Brown	4.08	3.82	
503-41108-KE3	C	Black	4.08	3.82	

QUICK JACKS

Features IDC 66 clip terminals to speed installation and troubleshooting. Comes with mounting hardware or use optional mounting magnet.



6-Conductor

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41016-IQ	Ivory	4.20	3.94	Call For Quote
503-41016-WQ	White	4.20	3.94	
503-41016-GYQ	Gray	4.20	3.94	

8-Conductor

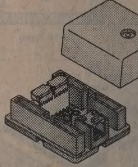
MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41018-IQ	Ivory	4.82	4.52	Call For Quote
503-41018-WQ	White	4.82	4.52	
503-41018-GYQ	Gray	4.82	4.52	

8-Conductor, Keyed

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41018-IQK	Ivory	4.88	4.58	Call For Quote
503-41018-WQK	White	4.88	4.58	
503-41018-GQK	Gray	4.88	4.58	

SINGLE-PORT SURFACE MOUNT MODULAR JACKS

Accommodates one telecommunications or data port. Mounts easily on most walls, floors, and office furniture using screws or double-sided tape (both included). Meets FCC Part 68 requirements.



6-Conductor, USOC

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41036-IDA	Ivory	5.04	4.72	Call

8-Conductor, USOC

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41038-IDA	Ivory	5.34	5.01	Call

8-Conductor, WECO

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41038-IDB	Ivory	5.34	5.01	Call
503-41038-GDB	Gray	5.34	5.01	

8-Conductor Keyed, WECO

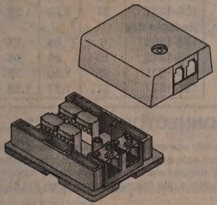
MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41038-IDD	Ivory	5.42	5.08	Call

LEVITON Telephone Accessories

DUPLEX SURFACE MOUNT MODULAR JACKS

NEW IN'95

Accommodates 2 voice and/or data ports. Installs using 110-type IDCs for 22-26 AWG inside wiring. Screws and double-sided tape are included. Meets FCC Part 68 requirements.



One 6 USOC, One 8 Keyed WECO

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41086-IDB	Ivory	8.64	8.10	Call
503-41086-WDB	White	8.64	8.10	For
503-41086-GDB	Gray	8.64	8.10	Quote

One 8 WECO, One 8 Keyed WECO

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41088-IDB	Ivory	9.68	9.08	Call

Two 6-Conductor, USOC

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41046-IDA	Ivory	8.83	8.28	Call
503-41046-GDA	Gray	8.83	8.28	

Two 8-Conductor, USOC

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41048-IDA	Ivory	9.48	8.88	Call

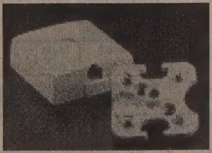
Two 8-Conductor, WECO

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41048-IDB	Ivory	9.48	8.88	Call
503-41048-WDB	White	9.48	8.88	For
503-41048-GDB	Gray	9.48	8.88	Quote

MODULAR JACK

NEW IN'95

Consists of type 625C jack and screw-on cover and type-42A terminal block.



For quantities greater than listed, call for quote.

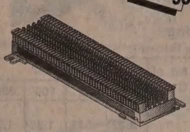
MOUSER STOCK NO.	No. of Conductors	Color	Price Each		
			1	10	50
503-40236-I	6	Ivory	3.40	3.19	3.08
503-40237-I	4	Ivory	2.90	2.72	2.63

CONNECTING BLOCKS

M Block: 25-Pair (66M1-25)

NEW IN'95

Contains 50 rows, each with a single clip having 4 slots. Incoming cable pairs are connected by terminating the tip conductor on the leftmost slot of one row and the ring conductor on the leftmost slot of the next lower row.



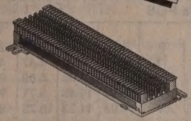
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40066-M25	24.98	23.42	22.63

Split M Block: 50-Pair (66M1-50)

NEW IN'95

Contains 50 rows of clips; each row contains two separate 2-slot clips. By terminating 25 incoming pairs on the slots of the left side and an additional 25 pairs on the slots of the right side, 50 crossconnects can be made.



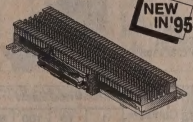
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40066-M50	13.62	12.77	12.34

M Block with Female Connector (66M1-50W)

NEW IN'95

50-pair M block with prewired, pretested 25-pair female connector on left side fanning strip to speed connection of incoming pairs.



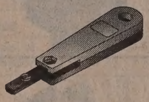
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40066-MW	32.00	30.00	29.00

TERMINATION TOOL

NEW IN'95

This "pocket friendly" tool quickly punches down 20 through 26 gauge unstripped wire in all Leviton devices using 66 clip terminals.

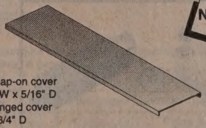


MOUSER STOCK NO.	Price Each		
	1	5	10
503-46666-BT	27.90	25.11	Call

66 BLOCK COVERS

Fits 25- and 50-pair M blocks to protect wiring from dust, dirt, and shorting. Transparent plastic permits viewing of wiring and pair assignments.

NEW IN'95



503-40050-MCV: Snap-on cover 9 15/16" H x 2 5/16" W x 5/16" D
503-40050-MHG: Hinged cover 10" H x 2 7/16" W x 3/4" D

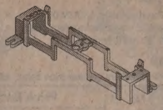
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40050-MCV	3.67	3.44	3.33
503-40050-MHG	3.45	3.23	3.12

STANDOFF BRACKET FOR M BLOCKS (89-B)

NEW IN'95

Open at top and bottom so that installers may mount bracket, lay cable, then install connecting block later. For use with all 25- and 50- pair M blocks.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40089B	6.92	6.49	6.28

DESIGNATION STRIP FOR M BLOCKS

NEW IN'95

Lined strip snaps onto fanning strip of M blocks to identify pair assignments.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40056-DSM	1.09	1.02	.99

BRIDGING CLIPS

NEW IN'95

Clips press onto two center slots in any row of a Split B block. If outside cable pairs are terminated on left-hand clips and station equipment wire is terminated on right-hand clips, then connections may be made or eliminated by inserting or removing the bridging clips. Made of tin-plated phosphor bronze alloy; can be easily removed and reused for rewiring.

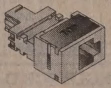
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	200	400
503-40067-BC	.13	.12	.116

MODULAR ADAPTORS

NEW IN'95

Plugs into M blocks to convert 66 clip contacts to a modular jack for quick connection of equipment. Not compatible with B blocks.



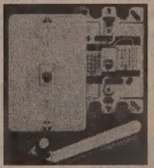
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Position	Description	Price Each
503-40072-T2	2	Converts two 66 clip contacts into a 6-position, 2-conductor modular jack	17.89
503-40072-T4	4	Converts 4 contacts into a 6-position, 4-conductor modular jack	15.98
503-40072-T6	6	Converts 6 contacts into a 6-position, 6-conductor modular jack	32.79
503-40072-T8	8	Converts 8 contacts into an 8-position, 8-conductor, non-keyed modular jack	17.14

4-CONDUCTOR WALL PHONE JACK

NEW IN'95

Quick-connect terminals, wallplate, metal bracket, mounting lugs, and installation tool. Removable lugs and color-matched plastic inserts (included) permit conversion from wall phone jack to flush mount jack.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-40253-I	Ivory	3.96	3.71	3.59
503-40253-W	White	3.96	3.71	3.59

Connectors
(D-Sub and Parallel Interface)

HI-REL D-SUB CONNECTORS

Specifications:

- Insulation: thermoplastic; UL94V-0
- Current rating: 5 amps per contact (max.)
- Wire gauge: 20 AWG (max.)
- Printed circuit connector: .025" diameter
- Wire wrapping terminations: .5" length

Preloaded Contacts

Solder Cup

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cond.	Price Each			
		1	10	100	500
Plugs					
152-5009	9	1.63	1.56	1.30	1.18
152-5015	15	2.53	2.28	2.01	1.83
152-5025	25	2.65	2.52	2.29	2.17
152-5037	37	3.76	3.62	3.29	2.99
152-5050	50	5.65	5.43	4.93	4.49
Receptacles					
152-5109	9	2.34	2.17	1.80	1.64
152-5115	15	3.22	2.66	2.42	2.20
152-5125	25	3.91	3.26	2.96	2.69
152-5137	37	5.84	5.59	5.09	4.65
152-5150	50	7.59	7.37	6.69	6.09

Straight PCB

MOUSER STOCK NO.	No. of Cond.	1	10	100	500
Plugs					
152-5209	9	1.89	1.79	1.69	1.54
152-5215	15	2.05	1.95	1.77	1.59
152-5225	25	3.49	3.07	2.79	2.53
152-5237	37	4.71	4.29	3.90	3.60
152-5250	50	5.36	5.13	4.66	4.24
Receptacles					
152-5309	9	2.53	2.39	2.19	1.99
152-5315	15	3.99	3.73	3.39	3.08
152-5325	25	5.19	4.75	4.32	3.93
152-5337	37	7.92	7.61	6.92	6.29
152-5350	50	9.99	9.69	9.09	8.39

Wire Wrapping

(2 Level Wirewrap Terminals)

MOUSER STOCK NO.	No. of Cond.	Price Each			
		1	10	100	500
Plugs					
152-5409	9	2.22	2.15	1.95	1.78
152-5415	15	3.26	3.14	2.85	2.59
152-5425	25	6.24	5.99	5.49	4.99
152-5437	37	8.64	8.23	7.49	6.81
152-5450	50	9.09	8.67	7.89	7.17
Receptacles					
152-5509	9	3.96	3.68	3.24	2.95
152-5515	15	4.54	4.37	3.97	3.61
152-5525	25	8.89	7.99	7.34	6.68
152-5537	37	9.89	9.43	8.57	7.79
152-5550	50	12.99	12.41	11.29	10.28

Right Angle PCB

MOUSER STOCK NO.	No. of Cond.	1	10	100	500
Plugs					
152-5609	9	3.58	3.42	3.11	2.83
152-5615	15	5.15	4.91	4.47	4.06
152-5625	25	7.71	7.36	6.69	6.08
152-5637	37	10.99	10.49	8.71	7.93
152-5650	50	11.83	11.23	10.73	9.76
Receptacles					
152-5709	9	3.89	3.73	3.38	3.08
152-5715	15	5.59	5.34	4.85	4.41
152-5725	25	7.99	7.63	6.99	6.49
152-5737	37	10.83	10.44	10.10	9.19
152-5750	50	13.72	12.66	11.44	10.41

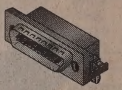
RIGHT ANGLE PCB RFI/EMI FILTERED D-SUB CONNECTORS

Material:

- Insulator: PBT +30% glass fiber (UL94V-0)
- Contact male: brass/gold over nickel plating
- Contact female: phosphor bronze/gold over nickel plating
- Shell: tin plated steel

Electrical:

- Current rating: 5 amps
- Withstand voltage: 1000V for 1 minute
- Insulation resistance: 1000 MΩ
- Temperature range: -40°C to +105°C



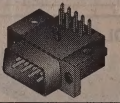
MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Plugs					
152-3509	9	2.42	2.20	2.00	Call
152-3515	15	2.90	2.64	2.40	
152-3525	25	3.60	3.27	2.97	

MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Receptacles					
152-3609	9	2.42	2.20	2.00	Call
152-3615	15	2.90	2.64	2.40	
152-3625	25	3.60	3.27	2.97	

RIGHT ANGLE PCB D-SUB CONNECTOR PLUG

MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
152-3209	9	1.27	.98	.89	.79

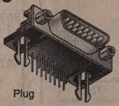
- Snap-in mounting tab
- Tin plated contacts



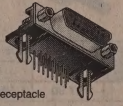
RIGHT ANGLE PCB D-SUB CONNECTORS

Specifications:

- Current rating: 5 amp
- Voltage rating: 1000V
- Operating temperature: -55°C to 105°C
- Housing: glass filled polyester UL 94V-0
- Contact male: brass/gold plated
- Contact female: phosphor bronze/gold plated



Plug

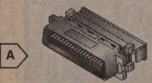


Receptacle

MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Plugs					
152-3309	9	.99	.77	.70	.64
152-3315	15	1.26	.98	.89	.81
152-3325	25	1.63	1.26	1.14	1.04
152-3337	37	2.31	1.78	1.62	1.47

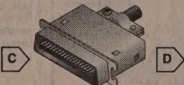
MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Receptacles					
152-3409	9	.95	.73	.67	.61
152-3415	15	1.18	.91	.83	.75
152-3425	25	1.54	1.19	1.08	.98
152-3437	37	2.31	1.78	1.62	1.47

PARALLEL INTERFACE CONNECTORS



A

B



C

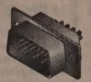
D

MOUSER STOCK NO.	Fig.	Type	No. of Pins	Price Each			
				1	10	25	50
IDC Flat Cable Termination							
155-3360	A	Plug	36	3.52	2.94	2.67	2.40
155-4360	B	Socket	36	3.52	2.94	2.67	2.40
Solder Termination							
155-1360	C	Plug	36	3.05	2.54	2.29	2.04
155-2360	D	Socket	36	3.05	2.54	2.29	2.04

Features:

- Insulator resistance: 10G Ω @ 500 VDC
- Temperature rating: -55°C to +105°C
- Insulated material: reinforced thermoplastic
- Contact material: phosphor bronze
- Current rating: 1 amp
- Contact plating: gold over nickel
- UL Rated 94V-0

D-SUB CONNECTORS



Specifications:

- Current rating: 5 amps per contact
- Contact resistance: initial: <5mΩ
- Insulation resistance: >10MΩ
- Temperature rating: -55°C to +125°C
- Flame retardant to UL 94V-0
- Shell: steel with passivation over zinc
- Contacts: gold plate over nickel

Solder Cup

MOUSER STOCK NO.	No. of Cond.	Price Each			
		1	10	100	500
Plugs					
156-1209	9	.61	.47	.43	.39
156-1215	15	.65	.59	.54	.49
156-1225	25	.99	.76	.69	.63
156-1237	37	1.58	1.32	1.20	1.09
Receptacles					
156-1309	9	.66	.51	.46	.42
156-1315	15	.85	.65	.59	.54
156-1325	25	1.00	.77	.70	.64
156-1337	37	1.87	1.56	1.42	1.29

HIGH DENSITY D-SUB CONNECTORS

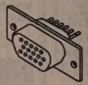
Commercial grade connectors, compatible with new generation computer systems. Available with convenient, non-removable contacts or the more economical crimp type which is ideal where field replacement of contacts is required. Contacts are stamped and formed with insulation support for improved strain relief. The crimp pin version incorporates a new floating bushing design that assures maximum crimp pin retention.

Material:

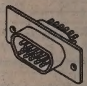
- Insulator: glass filled PBT Rated UL94V-0
- Shell: tin plated steel
- Contact male: brass
  female: phosphor bronze
- Contact plating: gold over nickel

Specifications:

- Current rating: 5 amps per contact
- Breakdown voltage: 1000V
- Temperature rating: -55°C to +105°C



Female



Male

MOUSER STOCK NO.	No. of Pins	Shell Size	Type	Price Each			
				1	10	100	500
Solder Cup Termination							
156-1815	15	DB9	Male	1.80	1.49	1.34	Call For Quote
156-1915	15	DB9	Female	1.80	1.49	1.34	
156-1826	26	DB15	Male	3.95	3.29	2.95	
156-1926	26	DB15	Female	3.95	3.29	2.95	
Crimp Type Termination							
* 156-2215	15	DB9	Male	1.35	1.12	1.01	
* 156-2115	15	DB9	Female	1.35	1.12	1.01	
* 156-2026	26	DB15	Male	2.97	2.47	2.22	
* 156-2126	26	DB15	Female	2.97	2.47	2.22	

*Housing Only, order pin or socket contacts separately

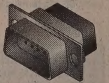
CONTACTS

By the Terminal / By the Reel

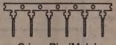
MOUSER STOCK NO.	Type	Price Each			REEL STOCK NO.	Qty. Per Reel	Price Per Reel
		1	10	100			
156-2000	Male	.10	.05	.043	156-2000/REEL	10,000	250.00
156-2100	Female	.10	.05	.043	156-2100/REEL	10,000	250.00

D-SUBMINIATURE CONNECTOR HOUSINGS

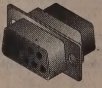
With removable crimp type contacts. Can be loaded with only the number of contacts needed.



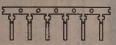
Male



Crimp Pin (Male)



Female



Crimp Socket (Female)

MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Male					
156-1410	9	.54	.45	.41	.3
156-1416	15	.73	.62	.55	.4
156-1426	25	.73	.62	.55	.4
156-1438	37	1.27	1.06	.96	.8
Female					
156-1409	9	.62	.53	.47	.4
156-1415	15	.81	.68	.63	.5
156-1425	25	.79	.66	.59	.5
156-1437	37	1.30	1.08	.97	.8

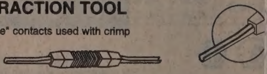
Crimp Contacts

MOUSER STOCK NO.	Type	Price Each			
		3	100	1000	500
156-1402	Male (pin)	.10	.047	.043	.03
156-1401	Fem(socket)	.10	.050	.046	.04

For Contact Crimping Tools, See Page 283

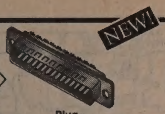
CONTACT INSERTION/EXTRACTION TOOL

A tool for inserting and/or extracting "crimp type" contacts used with crimp type D-subminiature connector housings.

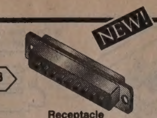


MOUSER STOCK NO.	Description	Price Each			
		1	10	100	500
156-1400	For standard crimp type contacts	4.79	4.35	3.96	Cal
156-1900	For high density crimp type contacts	4.79	4.35	3.96	

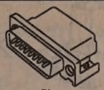
AMP Amplimite D-Subminiature Connectors and Hoods

A


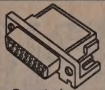
Plug
(With Preloaded Contacts)

B


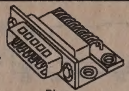
Receptacle
(With Preloaded Contacts)

C


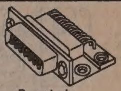
Plug
(With Preloaded Contacts)

D


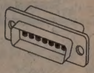
Receptacle
(With Preloaded Contacts)

E


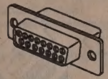
Plug
(With Preloaded Contacts)

F


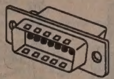
Receptacle
(With Preloaded Contacts)

G


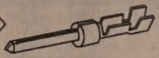
Plug Shell Only

H


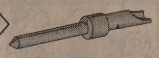
Receptacle Shell Only

I


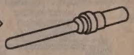
Plug Shell Only
(With Grounding Indents)

J


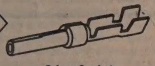
Crimp Pin
(For 20-24 AWG)

K


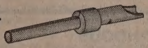
Solder Cup Pin
(For Wire Up To 18 AWG)

L


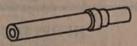
Machined Crimp Pin
(For 20-24 AWG)

M


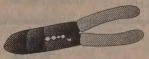
Crimp Socket
(For 20-24 AWG)

N


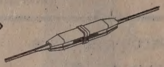
Solder Cup Socket
(For Wire Up To 18 AWG)

O


Machined Crimp Socket
(For 20-24 AWG)

P


Contact Crimping Tool

Q


Insertion / Extraction Tool

#E28476 #LR16455

-SUB CONNECTORS
RELOADED SOLDER CUP CONTACTS
ETAL SHELLS
nc Plated Plugs

- UL 94V-0 thermoplastic

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
71-7479044	A	9	1.86	1.72	1.43	Call For Quote
71-7479084	A	15	2.79	2.51	2.21	
71-7479124	A	25	3.61	3.34	2.78	
71-7479164	A	37	5.30	4.90	4.08	

n Plated Plugs

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
71-7479042	A	9	1.44	1.20	.96	Call For Quote
71-7479082	A	15	1.95	1.63	1.30	
71-7479122	A	25	2.67	2.23	1.78	
71-4749162	A	37	3.93	3.28	2.62	

nc Plated Receptacles

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
71-7479054	B	9	2.57	2.38	1.98	Call
71-7479134	B	25	4.64	4.28	3.57	

n Plated Receptacles

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
71-7479052	B	9	1.50	1.25	1.00	Call For Quote
71-7479092	B	15	2.04	1.70	1.36	
71-7479132	B	25	2.79	2.33	1.86	
71-7479172	B	37	4.14	3.45	2.76	

ETAL SHELL CONNECTOR HOUSINGS

or socket contacts not included. (Order at right)

nc Plated Plugs

- Shell only
- UL 94V-0 thermoplastic

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	10	100	500
71-2052041	G	9	1.19	1.15	.96	Call For Quote
71-2052061	G	15	1.21	1.18	.98	
71-2052081	G	25	1.25	1.21	1.01	
71-2052101	G	37	1.44	1.37	1.14	
71-2052121	G	50	1.72	1.67	1.39	

nc Plated Receptacles

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	10	100	500
71-2052031	H	9	1.19	1.15	.96	Call For Quote
71-2052051	H	15	1.21	1.18	.98	
71-2052071	H	25	1.25	1.21	1.01	
71-2052091	H	37	1.44	1.37	1.14	
71-2052111	H	50	1.76	1.67	1.39	

PCB RIGHT ANGLE CONNECTORS WITH PRELOADED CONTACTS
PLASTIC SHELLS
Plugs

- UL 94V-0 thermoplastic
- Preloaded contacts
- .025 posted contacts

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
571-7474671	C	9	5.79	5.26	4.38	Call For Quote
571-7474681	C	15	6.34	5.76	4.80	
571-7488262	C	25	7.99	7.26	6.05	
571-7474701	C	37	8.64	7.85	6.54	
571-2069711	C	50	15.36	13.96	11.63	

Receptacles

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
571-7474591	D	9	5.79	5.26	4.38	Call For Quote
571-7474601	D	15	6.34	5.76	4.80	
571-7474611	D	25	4.82	4.38	3.65	
571-7474621	D	37	8.64	7.85	6.54	
571-2069731	D	50	12.45	11.32	9.43	

METAL SHELL CONNECTOR HOUSINGS

Pin or socket contacts not included. (Order at right)

Tin Plated Plugs

- Grounding indents
- UL 94V-0 thermoplastic

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	10	100	500
571-2052044	I	9	1.61	1.56	1.30	Call For Quote
571-2052063	I	15	1.63	1.58	1.32	
571-2074642	I	25	1.68	1.62	1.35	
571-2052103	I	37	1.85	1.79	1.49	
571-2052123	I	50	2.14	2.08	1.73	

Tin Plated Receptacles

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	10	100	500
571-2052033	H	9	1.19	1.15	.96	Call For Quote
571-2052052	H	15	1.21	1.18	.98	
571-2074631	H	25	1.25	1.21	1.01	
571-2052092	H	37	1.44	1.37	1.14	
571-2052112	H	50	1.72	1.67	1.39	

PCB RIGHT ANGLE CONNECTORS WITH PRELOADED CONTACTS
METAL SHELLS
Tin Plated Plugs

- UL 94V-0 thermoplastic
- Preloaded contacts
- Grounding indents

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
571-7453513	E	9	7.52	7.13	6.11	Call For Quote
571-7453523	E	15	8.45	8.02	6.86	
571-7453533	E	25	9.97	9.47	8.10	
571-7453543	E	37	12.45	11.49	9.58	
571-7453553	E	50	14.88	14.14	12.01	

Tin Plated Receptacles

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each 1	10	100	500
571-7451121	F	9	7.62	7.25	6.19	Call For Quote
571-7451131	F	15	8.63	8.20	6.99	
571-7451141	F	25	10.26	9.74	8.35	
571-7451151	F	37	11.91	11.48	11.10	
571-7451161	F	50	15.47	14.69	12.57	

CONNECTOR CONTACTS

For use with the metal shells at left

- Pins are for use in plugs
- Sockets are for use in receptacles

Pins

Minimum Order 2 Pieces

MOUSER STOCK NO.	Fig.	Price Each 1	100	1000	5000
571-665069	J	.18	.14	.10	Call For Quote
571-665703	K	.24	.19	.13	
571-2050891	L	.33	.25	.21	

Sockets

571-665049	M	.22	.17	.12	Call For Quote
571-665693	N	.30	.23	.16	
571-2050901	O	.48	.39	.34	

Tools

571-6018841	P	47.17	---	---	Call
571-910672	Q	3.36	---	---	

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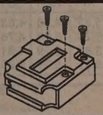

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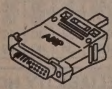

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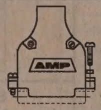

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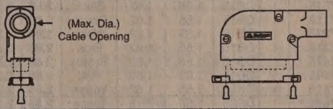


-SUB HOODS Straight/90° Exit Clamp Assemblies

ese cable clamp assemblies can be used on either a plug or socket. All parts are packaged unassembled.

Piece Black Polypropylene Housing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Cable Dia. Max (In.) Str.	90°	Price Each 1	10	100
71-2074671	A	9	.16	.16	2.12	1.91	1.59
71-2074701	A	15	.32	.32	2.22	1.99	1.72
71-2073451	A	25	.39	.39	2.24	1.99	1.73
71-2074731	A	37	.64	.41	2.35	2.21	1.82
71-2074761	A	50	.49	.49	2.34	2.09	1.74

Piece Gray Nylon Housing

MOUSER STOCK NO.	Fig.	No. of Contacts	Cable Dia. Max (In.) Str.	90°	Price Each 1	10	100
71-2064711	B	15	.32	.32	2.50	2.27	1.94
71-2064721	B	25	.39	.39	2.53	2.28	1.97
71-7450811	B	37	.64	.41	2.62	2.36	1.99
71-7450821	B	50	.49	.49	2.82	2.54	2.16

RFI-EMI Metal Shields

These shields allow cable to be fully prepared and terminated to the connector before the shield is installed.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Cable Dia. Max (In.)	Price Each 1	10	100
571-7451711	C	9	.25	5.41	4.82	4.15
571-7451722	C	15	.30	5.54	4.94	4.25
571-7451734	C	25	.35	5.67	5.04	4.34
571-7451733	C	25	.43	5.67	5.04	4.34
571-7451744	C	37	.43	5.81	5.18	4.45
571-7451743	C	37	.50	5.81	5.18	4.45
571-7451751	C	50	.75	5.95	5.30	4.56

RFI-EMI Metal Plated Plastic Shields

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Cable Dia. Max (In.)	Price Each 1	10	100
571-7458543	C	9	.25	3.63	3.24	2.78
571-7470993	C	15	.38	3.71	3.30	2.84
571-7458337	C	25	.35	3.80	3.41	2.93
571-7458335	C	25	.43	3.80	3.41	2.93
571-7471007	C	37	.43	3.91	3.49	2.99
571-7471005	C	37	.50	3.91	3.49	2.99

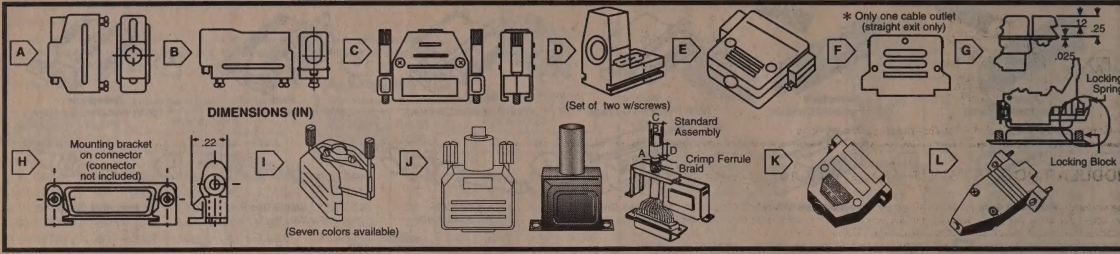
RFI-EMI 90° Metal Shields

These shields allow cable to be fully prepared before the shield is installed. These shields offer a low-impedance ground path for Electromagnetic Interference (EMI) and Electrostatic Discharge (ESD). All parts are packaged unassembled.

For quantities greater than listed, call for quote.

571-7456522	D	15	.30	9.12	8.04	6.99
571-7456533	D	25	.35	10.84	9.67	8.29

D-Subminiature Connector Hoods



HI-RELIABILITY UL RECOGNIZED HOODS

Plastic Hoods with Straight Outlets

- Designed to fit our 152 series connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each 1	10	100	500
152-1109	A	DB9	Plastic hood with straight outlet	2.29	1.91	1.74	1.58
152-1150	A	DB50	Plastic hood with straight outlet	3.20	2.67	2.43	2.21

Plastic Hoods with Side Outlets

152-1209	B	DB9	Plastic hood with side outlet	2.74	2.28	2.07	1.88
152-1237	B	DB37	Plastic hood with side outlet	3.35	2.79	2.54	2.31

2 Piece Hoods with Screw Locks

152-1309	C	DB9	2 pc plastic hood w/lock screws	2.51	2.09	1.90	1.73
152-1315	C	DB15	2 pc plastic hood w/lock screws	2.59	2.16	1.96	1.78
152-1325	C	DB25	2 pc plastic hood w/lock screws	2.63	2.19	1.99	1.83
152-1337	C	DB37	2 pc plastic hood w/lock screws	2.89	2.41	2.19	1.99
152-1350	C	DB50	2 pc plastic hood w/lock screws	2.89	2.41	2.19	1.99

2 Piece Shielded Hoods with Screw Locks

152-1409	C	DB9	2 pc. shielded hood w/lock screws	4.79	3.99	3.65	3.32
152-1415	C	DB15	2 pc. shielded hood w/lock screws	4.97	4.14	3.76	3.42
152-1425	C	DB25	2 pc. shielded hood w/lock screws	5.10	4.25	3.86	3.51
152-1437	C	DB37	2 pc. shielded hood w/lock screws	6.64	5.53	5.03	4.57
152-1450	C	DB50	2 pc. shielded hood w/lock screws	6.78	5.65	5.14	4.67

Hood Accessories

152-1503	G	9-37 pin latch & clip locking assembly	.91	.70	.64	.58
152-1504	G	50 pin latch & clip locking assembly	.91	.70	.64	.58
152-1502	D	Mounting bracket kit	1.05	.81	.74	.67

HINGED CONSTRUCTION, UNSHIELDED HOODS

Features:

- Plastic hood with one piece hinged construction
- Side snap lock for connector security
- Bonded nylon top jack screws
- Seven COLORS available

"Colors" available on 37 pin version on a "special order" basis. Call your Mouser customer service representative for details.

MOUSER STOCK NO.	Fig.	Shell Size	Length (in.)	Width (in.)	Color	Price Each 1	10	100	500	1000
152-7009	I	DB9	1.55	1.38	Black	2.86	2.38	2.16	1.96	Call For Quote
152-7109	I	DB9	1.55	1.38	Green	2.86	2.38	2.16	1.96	
152-7209	I	DB9	1.55	1.38	White	2.86	2.38	2.16	1.96	
152-7309	I	DB9	1.55	1.38	Blue	2.86	2.38	2.16	1.96	
152-7409	I	DB9	1.55	1.38	Brown	2.86	2.38	2.16	1.96	
152-7509	I	DB9	1.55	1.38	Red	2.86	2.38	2.16	1.96	
152-7609	I	DB9	1.55	1.38	Yellow	2.86	2.38	2.16	1.96	
152-7015	I	DB15	1.55	1.62	Black	2.86	2.38	2.16	1.96	Call For Quote
152-7115	I	DB15	1.55	1.62	Green	2.86	2.38	2.16	1.96	
152-7215	I	DB15	1.55	1.62	White	2.86	2.38	2.16	1.96	
152-7315	I	DB15	1.55	1.62	Blue	2.86	2.38	2.16	1.96	
152-7415	I	DB15	1.55	1.62	Brown	2.86	2.38	2.16	1.96	
152-7515	I	DB15	1.55	1.62	Red	2.86	2.38	2.16	1.96	
152-7615	I	DB15	1.55	1.62	Yellow	2.86	2.38	2.16	1.96	
152-7025	I	DB25	1.55	2.15	Black	2.86	2.38	2.16	1.96	Call For Quote
152-7125	I	DB25	1.55	2.15	Green	2.86	2.38	2.16	1.96	
152-7225	I	DB25	1.55	2.15	White	2.86	2.38	2.16	1.96	
152-7325	I	DB25	1.55	2.15	Blue	2.86	2.38	2.16	1.96	
152-7425	I	DB25	1.55	2.15	Brown	2.86	2.38	2.16	1.96	
152-7525	I	DB25	1.55	2.15	Red	2.86	2.38	2.16	1.96	
152-7625	I	DB25	1.55	2.15	Yellow	2.86	2.38	2.16	1.96	
152-7037	I	DB37	1.55	2.75	Black	3.35	2.79	2.54	2.31	

D-SUBMINIATURE CUSTOM ADAPTOR HOUSING

A two piece plastic housing designed for custom applications requiring the use of two D-sub connectors. Applications include custom jumper boxes and interconnects. Connectors are not included.

Features:

- All plastic construction
- Connector screws included
- Snap together assembly

MOUSER STOCK NO.	Color	Description	Price Each 1	10	25	50
157-4000	Black	DB25/DB25 housing with screws	1.10	.85	.76	Call For Quote
157-4001	Black	DB9/DB9 housing with screws	1.10	.85	.76	
157-4002	Gray	DB9/DB25 housing with screws	1.10	.85	.76	
157-4003	Gray	DB25/DB25 housing with screws	1.10	.85	.76	

HI-RELIABILITY HOODS

Plastic Hoods with Straight Outlets

- Designed to fit our 152 series connectors

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each 1	10	100	500
152-6009	A	DB9	Plastic hood with straight outlet	1.69	1.47	1.34	1.28
152-6015	A	DB15	Plastic hood with straight outlet	1.69	1.47	1.34	1.28
152-6025	A	DB25	Plastic hood with straight outlet	1.79	1.49	1.39	1.29
152-6037	A	DB37	Plastic hood with straight outlet	2.07	1.85	1.65	1.56
152-6050	A	DB50	Plastic hood with straight outlet	2.09	1.89	1.69	1.59

Plastic Hoods with Side Outlets

* 152-6109	B	DB9	Plastic hood with side outlet	1.79	1.50	1.37	1.25
152-6115	B	DB15	Plastic hood with side outlet	1.83	1.57	1.43	1.30
152-6125	B	DB25	Plastic hood with side outlet	1.84	1.64	1.54	1.40
152-6137	B	DB37	Plastic hood with side outlet	1.89	1.69	1.63	1.36
152-6150	B	DB50	Plastic hood with side outlet	1.92	1.76	1.69	1.40

Lockable Hood

152-1025	E	DB25	Lockable hood	2.86	2.71	2.64	2.5

Plastic Hoods with Lockable Screws

* 152-6209	F	DB9	Plastic hood w/lockable screws	3.12	2.60	2.36	2.15
152-6215	F	DB15	Plastic hood w/lockable screws	3.12	2.60	2.36	2.15
152-6225	F	DB25	Plastic hood w/lockable screws	3.53	2.95	2.67	2.44
152-6237	F	DB37	Plastic hood w/lockable screws	4.35	3.61	3.28	2.99
152-6250	F	DB50	Plastic hood w/lockable screws	4.97	4.14	3.76	3.34

Shielded Hoods with Lockable Screws

152-4009	F	DB9	Shielded hood w/lockable screws	5.99	4.99	4.54	4.13
152-4015	F	DB15	Shielded hood w/lockable screws	6.29	5.19	4.79	4.29
152-4025	F	DB25	Shielded hood w/lockable screws	7.32	6.04	5.55	5.05
152-4037	F	DB37	Shielded hood w/lockable screws	7.45	6.20	5.64	5.14
152-4050	F	DB50	Shielded hood w/lockable screws	8.61	7.82	7.11	6.79

Lockable Clamps

152-0003	G	Locking clamp spring	.36	.29	.27	.25
152-0004	G	Locking clamp block	.73	.48	.44	.40

Mounting Brackets

- Designed to fit our 152-6200/152-4000 series connectors

152-0001	H	9-37 pin mounting bracket	.87	.80	.72	.70
152-0002	H	50 pin mounting bracket	.69	.58	.53	.49

HINGED CONSTRUCTION, SHIELDED HOODS

- Plastic hood w/one piece hinged construction
- Side snap locks
- RFI/EMI shielded
- Bonded nylon top jack screws
- Plastic hood w/separate metal inner shield

MOUSER STOCK NO.	Fig.	Shell Size	Dimensions (in.) A	B	C	D	Color	Price Each 1	10	100	500	100
152-8009	J	DB9	.28	.39	.46	.79	Black	6.57	5.47	4.98	4.53	Cal For Quo
152-8015	J	DB15	.34	.40	.49	.79	Black	6.89	5.74	5.23	4.76	
152-8025	J	DB25	.34	.40	.49	.79	Black	6.98	5.82	5.29	4.81	
152-8037	J	DB37	.34	.40	.49	.79	Black	7.57	6.31	5.74	5.25	

STANDARD RELIABILITY HOODS

- Designed to fit our 152 and 156 series connectors

Low Cost Locking Hoods

- Plastic
- Straight cable exit
- Complete with screw, retainer, and side screw

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each 1	10	100	50
156-2009	K	DB9	Plastic locking hood	.65	.50	.45	.4
156-2015	K	DB15	Plastic locking hood	.85	.65	.59	.5
156-2025	K	DB25	Plastic locking hood	.65	.50	.45	.4

Metallized Plastic Hoods

- RFI/EMI shielded
- Straight cable exit
- Nickel over copper plat

156-3009	K	DB9	Plastic metallized locking hood	1.09	.91	.83	.7
156-3015	K	DB15	Plastic metallized locking hood	1.21	1.01	.92	.8
156-3025	K	DB25	Plastic metallized locking hood	1.21	1.01	.92	.8
156-3037	K	DB37	Plastic metallized locking hood	3.07	2.56	2.33	2.1

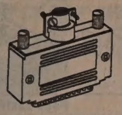
Metal Locking Hoods

- All metal, RFI/EMI shielded
- Straight cable exit
- Clear zinc chromate fini

156-4109	L	DB9	Metal locking hood	2.38	1.98	1.80	1.6
156-4115	L	DB15	Metal locking hood	2.99	2.51	2.28	2.0
156-4125	L	DB25	Metal locking hood	3.59	2.76	2.51	2.2

Modular Hoods and D-Subminiature Connectors

A



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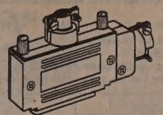

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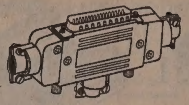

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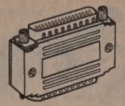
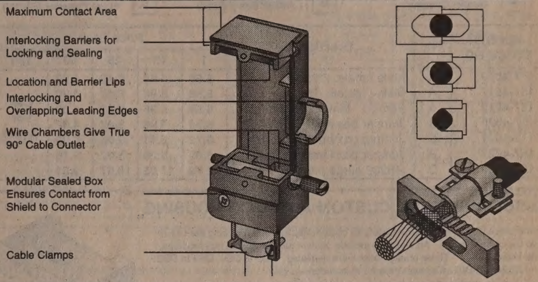


Connectors not included. For illustration purposes only.

ODULAR HOOD SYSTEM (For 25 Pin D-Subminiature Connectors)

he modular hood system breaks entirely new ground in cover design. A hood system for D-subminiature onnectors that offers both high efficiency shielding and almost limitless cable options. The innovative ystem achieves high efficiency shielding with a unique 360° cable shield device which shuts off the cable xit of the hood. A totally effective answer to shielding that will fit any cable size. The modular onstruction of the hoods for the D-subminiature connector, gives an unequalled choice for design ngineers. The straight hood can give up to three outlets. This system gives you a better choice for cable ptions and provides totally effective shielding. There is no simpler, more effective method of shielding -subminiature connector cables than this modular hood system. The unique clamp shielding device has een designed to beat EMS problems. It simply and effectively achieves 360° shielding irrespective of raid diameter between 3mm and 8mm. Once the clicker is attached to the cable shield, the assembly cates into pre-determined slots inside the cover. This completely shuts off the cable exit of the cover, but aintains perfect contact from cable to connector via the shell.


Maximum Contact Area
Interlocking Barriers for Locking and Sealing
Location and Barrier Lips
Interlocking and Overlapping Leading Edges
Wire Chambers Give True 90° Cable Outlet
Modular Sealed Box Ensures Contact from Shield to Connector
Cable Clamps

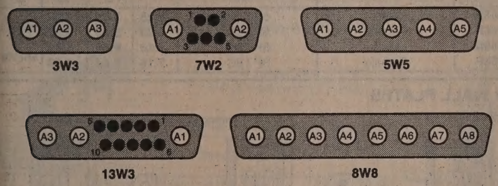
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
152-1625	A	Straight entry hood	6.36	5.30	4.82	4.38
152-2425	B	Straight hood with dual entry	9.80	8.17	7.43	6.75

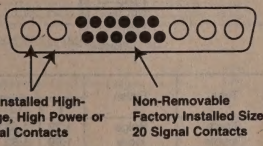
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
152-2525	C	Triple entry hood	12.09	10.99	9.99	9.10
152-2325	D	Terminator hood	5.86	4.88	4.43	4.03

IXED CONTACT, D-SUBMINIATURE CONNECTORS

hese D-subminiature connectors have added the versatility and convenience of mixed contact rrangements. This allows coaxial and/or power contacts to be combined with standard signal contacts in a ingle housing. These connectors have non-removable, size 20 signal contacts. They are available in five ontact configurations, male and female, and three shell sizes. To order, select the shell size and contact rrangement that best suits your application from the layouts below. Order the optional 50Ω or 75Ω coaxial ontacts for your high speed data or the high voltage or high power contacts for your power requirements. ombinations can be created using all three contacts resulting in a custom designed connector unique to your pplication.

Contact Arrangements




User Installed High-Voltage, High Power or Coaxial Contacts
Non-Removable Factory Installed Size 20 Signal Contacts

eatures:

- Standard D-sub shell
- Housings plug with grounding indents
- Non-removable size 20 signal contacts
- Choice of standard signal contacts
- And/or coaxial and/or power contacts

Specifications:

- Flammability rating: UL Rated 94V-0
- Temperature rating: -55°C to +155°C
- Contact / contact resistance: 500MΩ
- Plating: tin plated

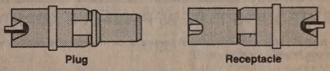
onnector Housings (With Size 20 Signal Contacts)

MOUSER STOCK NO.	D-Sub Shell Size	Description	Contact Arrangement	Price Each		
				1	10	100
152-FM3W3P	15P	Plug	3W3	1.37	1.14	1.03
152-FM3W3S	15S	Socket	3W3	1.32	1.10	1.00
152-FM7W2P	15P	Plug	7W2	2.68	2.23	2.02
152-FM7W2S	15S	Socket	7W2	3.06	2.55	2.32
152-FM5W5P	25P	Plug	5W5	1.32	1.10	1.00
152-FM5W5S	25S	Socket	5W5	1.34	1.12	1.02
152-FM13W3P	25P	Plug	13W3	3.77	3.14	2.86
152-FM13W3S	25S	Socket	13W3	4.64	3.87	3.52
152-FM8W8P	37P	Plug	8W8	2.00	1.67	1.52
152-FM8W8S	37S	Socket	8W8	2.57	2.13	1.56

High Voltage Contacts

Specifications:

- Breakdown voltage: 3800V
- Contact resistance: <3mΩ
- Current rating: 1.5 amps (max.)
- For 20 AWG wire
- Operating voltage: 2800V
- Temperature range: -55°C to +125°C
- Plating: 100% coverage, 1.3 micron gold over nickel

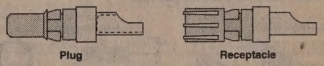


MOUSER STOCK NO.	Description	Price Each		
		1	10	100
152-FMV1	High voltage plug, solder cup	2.81	2.34	2.13
152-FMV3	High voltage receptacle contact	2.75	2.29	2.08

High Power Contacts

Specifications:

- Contact resistance: 1.5mΩ (max.)
- Current rating: 20 amps
- Temperature range: -55°C to +125°C
- For 12 AWG
- Solder cup termination
- Plating: contact area: 1.3 micron gold over nickel
  termination area: 3 micron gold over nickel

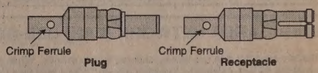


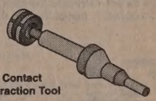
MOUSER STOCK NO.	Description	Price Each		
		1	10	100
152-FMP120	High power plug contact	1.72	1.43	1.30
152-FMP320	High power receptacle contact	3.46	2.88	2.62

Coaxial Contacts

Specifications:

- Contact resistance: inner conductor <6mΩ
  outer conductor <3mΩ
- Current rating: 1.5 amps (max.)
- Crimped ferrule termination
- Temperature range: -65°C to +165°C
- Plating: inner conductor- 100% 1.3 micron gold over nickel
  outer conductor- contact area .8 micron gold over nickel
  ferrule- .3 micron gold over nickel
- Impedance: 50Ω or 75Ω
- 50Ω contacts fit RG cable types: 174U, 188AU, 316U
- 75Ω contacts fit RG cable types: 179BU, 187AU





Contact Extraction Tool

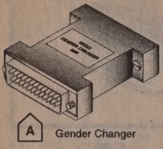
MOUSER STOCK NO.	Description	Price Each		
		1	10	100
152-FMX1067	Coaxial plug contact, 50Ω	3.94	3.28	2.98
152-FMX3067	Coaxial receptacle contact, 50Ω	3.86	3.22	2.93
152-FMX003P	Coaxial plug contact, 75Ω	3.86	3.22	2.93
152-FMX003S	Coaxial receptacle contact, 75Ω	3.90	3.25	2.93

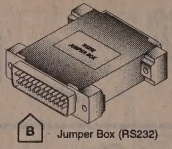
Contact Extraction Tool

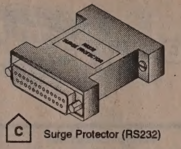
MOUSER STOCK NO.	Description	Price Each
152-DRK38	For coaxial, high voltage, and high power	67.50

Computer Accessories, Adaptors, and DIN Connectors

COMPUTER ACCESSORIES

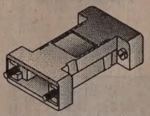

A Gender Changer


B Jumper Box (RS232)


C Surge Protector (RS232)

MOUSER STOCK NO.	Fig.	Description	Price Each				
			1	10	25	50	100
157-4010	A	Male / male, 25 pin	6.56	5.96	5.42	4.93	Call For Quote
157-4011	A	Male / female, 25 pin	6.56	5.96	5.42	4.93	
157-4012	A	Female / female, 25 pin	6.56	5.96	5.42	4.93	
157-4020	B	Jumper box male / male	6.56	5.96	5.42	4.93	
157-4021	B	Jumper box male / female	6.72	6.11	5.56	5.05	
157-4022	B	Jumper box female / female	6.89	6.26	5.69	5.18	
157-4030	C	RS232 surge protector	12.79	11.63	10.57	9.61	

D-SUBMINIATURE CUSTOM ADAPTOR HOUSING



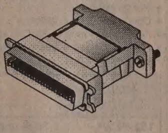
A two piece plastic housing designed for custom applications requiring the use of two D-sub connectors. Applications include custom jumper boxes, null modems, and interconnects. Three configurations are available: DB9 to DB9, DB9 to DB25, and DB25 to DB25. Connectors are not included.

Features:

- All plastic construction
- Connector screws included
- Snap together assembly

MOUSER STOCK NO.	Color	Description	Price Each			
			1	10	25	50
157-4001	Black	DB9 / DB9 housing with screws	1.10	.85	.76	Call For Quote
157-4002	Gray	DB9 / DB25 housing with screws	1.10	.85	.76	
157-4000	Black	DB25 / DB25 housing with screws	1.10	.85	.76	
157-4003	Gray	DB25 / DB25 housing with screws	1.10	.85	.76	

CENTRONICS TYPE 25 PIN D-SUB ADAPTOR



Plugs into "Centronics" Type 36 pin connector on most parallel printers and converts to a standard 25 pin "D".

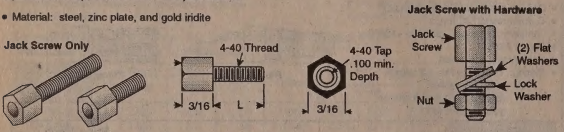
- 36 pin male Centronics / 25 pin female D-sub

MOUSER STOCK NO.	Description	Price Each			
		1	5	10	20
524-45-598	Port adaptor, IBM	9.02	8.12	7.85	Call

KEYSTONE ELECTRONICS CORP JACK SCREWS

D-subminiature connector mounting screw, per Spec MIL-C-24308/26. Equivalent to Amp, Cannon and TRW jack screws.

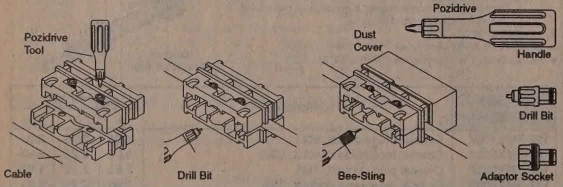
- Material: steel, zinc plate, and gold iridite



MOUSER STOCK NO.	L (In.)	Description	Price Each			
			1	10	100	500
534-7230	.312	Jack screw	.22	.18	.17	Call For Quote
534-7231	.312	Jack screw with hardware	.28	.26	.23	
534-7232	.625	Jack screw	.40	.38	.36	
534-7233	.625	Jack screw with hardware	.62	.52	.50	

LOCAL AREA NETWORK (LAN) BEE-STING TAP IEEE 802.3 Compliant

The bee-sting tap is in two halves, secured by two screws. When clamped around a coaxial cable, braid terminators penetrate the outer sleeve to provide a ground. A hole may then be drilled to insert the bee-sting and contact the center conductor. A transceiver may then be attached.



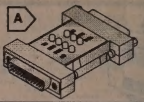
MOUSER STOCK NO.	Description	Price Each			
		1	5	10	20
152-2950	IEEE 802.3 Compliant bee-sting tap	37.89	34.42	31.30	Call For Quote
152-2951	Complete tool set	26.56	23.84	21.67	
152-2952	Spare drill	14.25	12.98	11.89	

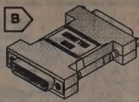
COMPUTER ACCESSORIES

NEW IN '95

Features:

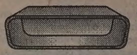
- Standard null modem most commonly used
- Mini-tester quickly determines if trouble is emanating from the cable or the equipment


A


B

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	50
157-4040	A	Mini-tester with 7 LED's M/F	14.37	13.07	11.88	Call
157-4050	B	Null modem, male/female	7.31	6.12	5.56	

D-SUB DUST / SPLASH COVERS



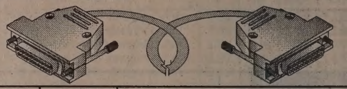
- Fits 25-pin "D-sub" connectors
- Increases connector life
- Keeps dust and liquids from entering the plug or socket

MOUSER STOCK NO.	Type	Hood Color	Price Each			
			1	10	100	1000
152-1042-3P	Male	Red	.58	.45	.41	.38
152-1042-3S	Female	Red	.58	.45	.41	.38

COMPUTER CABLE DOUBLE SHIELDED

Features:

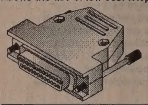
- Double shield, aluminum foil shield plus copper braided shield
- 26 AWG wire
- All pins wired



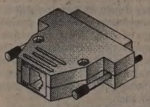
MOUSER STOCK NO.	Type of Connector	Length of Cable (Ft.)	Price Each				
			1	5	10	25	50
155-0125	25 pin male to male	10	17.99	16.19	14.57	13.11	Call
155-1125	25 pin male to female	10	17.99	16.19	14.57	13.11	

RS232 MODULAR JACK ADAPTORS

Allows the use of low cost telephone wire between computers and peripherals.



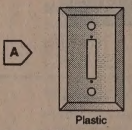
Available in male for female RS232

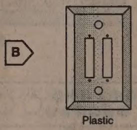


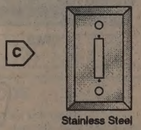
MOUSER STOCK NO.	Gender	Positions Contacts	Price Each			
			1	5	10	20
154-2566M	Male	6P / 6C	6.25	5.63	4.99	Call For Quote
154-2566F	Female	6P / 6C	6.25	5.63	4.99	
154-2588M	Male	8P / 8C	7.16	6.44	5.79	
154-2588F	Female	8P / 8C	7.16	6.44	5.79	

D-SUB WALL PLATES

- 25 pin "D-sub" (RS232)
- Durable thermoplastic or polished stainless steel


A Plastic


B Plastic


C Stainless Steel

Plastic Plates

MOUSER STOCK NO.	Fig.	Type	Finish	Price Each				
				1	10	50	100	500
152-0125	A	Single	Beige	1.79	1.45	1.32	1.20	Call
152-2125	B	Double	Ivory	1.99	1.53	1.39	1.26	

Stainless Steel Plates

MOUSER STOCK NO.	Fig.	Type	Finish	Price Each				
				1	10	100	500	1000
556-DW25B	C	Single	Stainless	1.45	1.31	1.16	1.02	Call

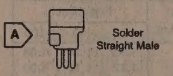
DIN CONNECTORS

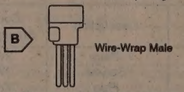
Mating Flat Cable Connectors Available. See Page 126.

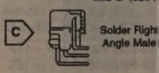
Specifications:

- Meets DIN 41612, VG95324 and IEC standards
- Nickel plated contacts
- 0.8μ gold plated contacts
- UL Flammability: 94V-0
- Hardened gold
- .100 center spacing

MEETS MIL SPEC
MIL-G-45204


A Solder Straight Male


B Wire-Wrap Male


C Solder Right Angle Male

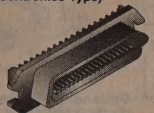
∗ 64 Pins: In 3-row format with pins on outside rows and middle row is open

MOUSER STOCK NO.	Fig.	No. of Rows	No. of Pins	No. of Contacts	Price Each			
					1	25	50	100
151-64MS01	A	3	64 ∗	64 solder	4.79	3.99	3.63	3.34
151-64MW03	B	3	64 ∗	64 wire wrap	4.99	4.59	4.18	3.80
151-96MS02	C	3	96	96 solder	7.94	6.61	5.99	5.47

IDC Connectors
(Insulation Displacement Connectors)

AMP CHAMP® IDC PLUGS (Centronics Type)

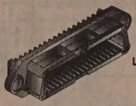
Screw Lock Plug

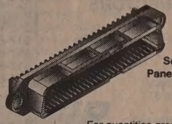

Bail Lock Plug

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AMP Number	No. of Positions	Wire Size (AWG)		Lock Type	Price Each			
			Solid	7 Strand		1	25	50	100
571-5523021	552302-1	36	22	22	Screw	4.32	3.61	3.26	3.15
571-5521731	552173-1	50	22	22	Screw	3.28	2.74	2.32	1.98
571-5522841	552284-1	36	26	24	Screw	3.50	2.93	2.48	2.12
571-2299741	229974-1	50	26	24	Screw	3.23	2.70	2.29	1.95
571-5524441	552444-1	36	- - -	26-27-28	Screw	3.50	2.93	2.48	2.12
571-5523901	552390-1	50	- - -	26-27-28	Screw	3.22	2.70	2.29	1.95
571-5523181	552318-1	36	22	22	Bail	3.56	2.93	2.48	2.12
571-5523191	552319-1	50	22	22	Bail	5.49	4.59	4.16	4.02
571-5522741	552274-1	36	26	24	Bail	3.50	2.93	2.48	2.12
571-5520321	552032-1	50	26	24	Bail	3.23	2.70	2.29	1.95
571-5524701	552470-1	36	- - -	26-27-28	Bail	3.50	2.93	2.48	2.12

AMP CHAMP® IDC RECEPTACLES (Centronics Type)

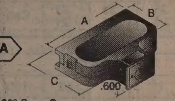

Screw or Bail Lock Receptacles


Screw or Bail Lock Panel Mount Receptacles

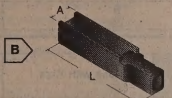
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AMP Number	No. of Positions	Wire Size (AWG)		Mount Type	Price Each			
			Solid	7 Strand		1	25	50	100
571-5523061	552306-1	36	22	22	Panel	4.45	3.73	3.38	3.26
571-5520641	552064-1	50	22	22		3.62	3.02	2.57	2.19
571-5523141	552314-1	36	26	24		3.50	2.93	2.48	2.12
571-2299751	229975-1	50	26	24		3.23	2.70	2.29	1.95
571-5523911	552391-1	50	- - -	26-27-28		3.22	2.70	2.29	1.95
571-25523241	2-552324-1	50	22	22	Cable to Cable	5.94	5.05	4.90	4.72
571-25522751	2-552275-1	36	26	24		3.50	2.93	2.12	2.04
571-25520011	2-552001-1	50	26	24		3.23	2.70	2.29	1.95
571-25524751	2-552475-1	36	- - -	26-27-28		4.69	3.93	3.33	2.85
571-25524761	2-552476-1	50	- - -	26-27-28		4.15	3.24	3.13	3.02

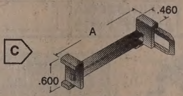
AMP CHAMP® CONNECTOR COVERS AND STRAIN RELIEFS



80° Snap-On
Strain Relief Cover



90° Snap-On
Strain Relief Cover



Snap-On Strain Relief

Made of high impact strength thermoplastic materials, all covers and strain relief have inner ribs that confine each wire in the wire termination slots.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AMP Number	Fig.	No. of Pos.	Dimensions (In.)			Cable Range (In.)	Price Each			
				A	B	C		1	25	50	100
571-5520731	552073-1	A	36	1.92	1.45	1.83	.29-.36	1.23	1.15	1.06	1.02
571-5520735	552073-5	A	36	1.92	1.45	1.83	.36-.43	1.17	1.09	1.06	1.02
571-5520736	552073-6	A	36	1.92	1.45	1.83	.48-.52	1.23	1.15	1.06	1.02
571-35520081	3-552008-1	A	50	2.52	1.55	1.93	.33-.38	2.13	1.99	1.93	1.86
571-25520081	2-552008-1	A	50	2.52	1.55	1.93	.38-.43	1.47	1.38	1.08	1.04
571-5520081	552008-1	A	50	2.52	1.55	1.93	.43-.48	1.17	1.10	1.06	1.03
571-45520081	4-552008-1	A	50	2.52	1.55	1.93	.49-.55	1.45	1.36	1.31	1.27
571-5520231	552003-1	A	50	2.52	1.55	1.93	.43-.50	2.08	1.95	1.88	1.82

For quantities greater than listed, call for quote.

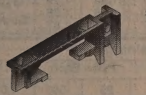
MOUSER STOCK NO.	AMP Number	Fig.	No. of Pos.	Dimensions (In.)		Cable Range (In.)	Price Each			
				A	L		1	25	50	100
571-5524141	552414-1	B	36	.68	2.79	.305-.36	.69	.64	.60	.57
571-35524141	3-552414-1	B	36	.68	2.79	.33-.38	1.20	1.09	.91	.70
571-5520141	552014-1	B	50	.68	3.84	.34-.40	.76	.71	.66	.64
571-15520111	1-552011-1	B	50	.92	3.84	.315-.415	.64	.58	.53	.48
571-5527311	552731-1	B	50	1.12	3.59	.475-.54	.69	.64	.59	.57

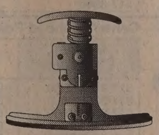
*Two pieces required to make one strain relief

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AMP Number	Fig.	No. of Pos.	Type	Dim. A (In.)	Price Each			
						1*	25	50	100
* 571-15522971	1-552297-1	C	36	Low profile	1.965	.48	.45	.43	.42
* 571-15520271	1-552027-1	C	50	Low profile	2.56	.28	.27	.26	.25

AMP CHAMP® IDC TOOL Palm-Grip Hand Tool


Index Slide
(For palm-grip hand tool at right)



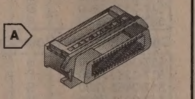
For quantities greater than listed, call for quote.

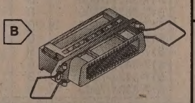
MOUSER STOCK NO.	AMP Number	Description	Price Each	
			1	5
71-2294511	229451-1	Palm grip hand tool	85.82	80.46
71-2297081	229708-1	Index slide for 36 position	17.89	16.77
71-2296211	229621-1	Index slide for 50 position	17.89	16.77

ARALLEL INTERFACE CONNECTORS

eatures:

Insulated material: reinforced thermoplastic UL rated 94V-0
Contact material: phosphor bronze
Contact plating: gold over nickel
Current rating: 1 amp
Insulator resistance: 10G Ω @ 500VDC
Temperature rating: -55°C to +105°C





For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	No. of Pins	Price Each			
				1	10	25	50
55-3360	A	Plug	36	3.52	2.94	2.67	2.40
55-4360	B	Socket	36	3.52	2.94	2.67	2.40

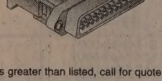
CA 25 PIN PLASTIC SHELL IDC D-SUB CONNECTORS

pecifications:

Electrical rating: 1 amp
Temperature range: -55°C to +120°C
Insulation material: glass filled polyester, gray UL 94V-0
Contact material: phosphor bronze
Contact plating: 10μ in gold

Features:

- UL recognized / CSA certified
- Sizes available 25 position
- Terminates with standard D type connectors
- All plastic construction with integral strain relief



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each			
		1	10	100	500
544-CA-25SMD-P	Pin (male)	4.41	3.53	2.94	Call
544-CA-25SMD-S	Socket (female)	4.77	3.81	3.18	

AMP CHAMP® CONNECTOR HARDWARE KITS

One kit is required for assembly of all items except 571-2299111; it will require two for assembly.

Cable-to-Cable Hardware Kits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AMP Number	Description	Price Each			
			1	25	50	100
571-2299111	229911-1	Screw 4-40 (2 per assembly)	.13	.05	.04	.03
571-5525613	552561-3	Bail lock hardware kit	1.68	1.41	1.32	1.06
571-5525614	552561-4	Bent bail lock hardware kit	1.68	1.41	1.32	1.06

Cable-to-Panel Hardware Kits

For quantities greater than listed, call for quote.

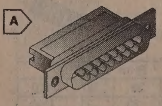
MOUSER STOCK NO.	AMP Number	Description	Price Each			
			1	25	50	100
571-5525681	552568-1	Screw lock hardware kit	2.21	1.84	1.73	1.38
571-5525682	552568-2	Panel mount, screw lock hardware kit	3.24	2.71	2.55	2.03
571-5525671	552567-1	Bail lock hardware kit	2.05	1.71	1.32	1.28
571-5525672	552567-2	Bent bail lock hardware kit	2.05	1.71	1.32	1.28
571-5525673	552567-3	Panel mount bail lock hardware kit	2.29	1.97	1.81	1.44
571-5533591	553359-1	Champ-LOK for 36 and 50 positions	2.61	2.18	1.71	1.65

IDC FLAT CABLE D-SUB CONNECTORS

Phosphor bronze contacts with gold plate over nickel, insulation displacement D-Subs provide added speed and convenience of mass termination.

Features:

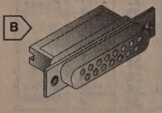
- Metal shell
- Standard .050 pitch



Plug

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each			
			1	10	100	500
156-1609	A	9	3.08	2.46	1.80	Call For Quote
156-1615	A	15	4.07	3.25	2.39	
156-1625	A	25	5.51	4.41	3.25	
156-1637	A	37	8.16	6.53	4.80	



Receptacle

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each			
			1	10	100	500
156-1709	B	9	3.16	2.63	2.12	Call For Quote
156-1715	B	15	4.66	3.73	2.75	
156-1725	B	25	5.95	4.95	3.73	
156-1737	B	37	9.39	7.51	5.53	

3M SCOTCHFLEX® Flat Cable Connectors / Accessories

3M SCOTCHFLEX® ECONOMY D-SUB CONNECTORS

Features:
- Wiremount connectors
- Pre-assembled, one-piece body
- Available with 9, 15, 25, and 37 positions
- Accepts .050" flat ribbon cable and discrete wire
- Available for 26 and 28 AWG cable, solid and stranded
- Cost-effective

LR40971

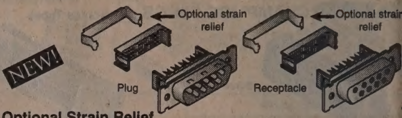
E68080

Receptacles

MOUSER STOCK NO.	Number of Contacts	Price Each 1	25	50	100
517-8909	9	4.89	4.45	4.05	Call For Quote
517-8915	15	5.63	5.11	4.64	
517-8925	25	6.26	5.69	5.15	
517-8937	37	8.08	7.57	6.63	

Plugs

517-9009	9	4.77	4.34	3.94	Call For Quote
517-9015	15	5.42	4.92	4.48	
517-9025	25	6.16	5.59	5.07	
517-9037	37	7.96	7.21	6.54	

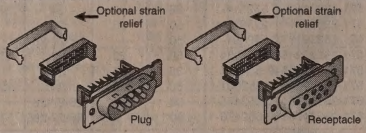


Optional Strain Relief

MOUSER STOCK NO.	Number of Contacts	Price Each 1	25	50	100
517-3448-8D09A	9	.25	.23	.21	Call For Quote
517-3448-8D15A	15	.34	.30	.28	
517-3448-8D25A	25	.25	.23	.21	
517-3448-8D37A	37	.40	.36	.33	

D-SUB CONNECTORS

E68080 LR40971



Plugs

MOUSER STOCK NO.	Number of Contacts	Price Each 1	25	50	100
517-8209-6000	9	5.61	5.10	4.64	Call
517-8225-6000	25	7.25	6.58	5.97	

Specifications:
- Current rating: 1 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0
- 26, 28 AWG solid or stranded wire

Features:
- Metal to metal strain relief
- Plug dimples aid EMI/ESD protection
- Compatible with industry types

Receptacles

MOUSER STOCK NO.	Number of Contacts	Price Each 1	25	50	100
517-8309-6000	9	5.75	5.23	4.76	Call
517-8325-6000	25	7.36	6.69	6.06	

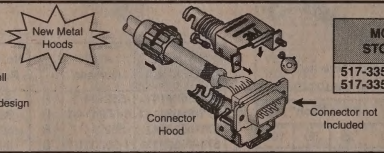
Optional Strain Relief

517-3448-8D09A	9	.25	.23	.21	Call
517-3448-8D25A	25	.25	.23	.21	

D-SUB CONNECTOR HOODS

Specifications:
- Current rating: 1 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0
- 26, 28 AWG solid or stranded wire

Features:
- Nickel plated steel shell
- EMI/ESD protection
- Lightweight, compact design

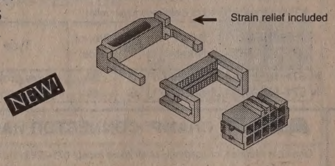


MOUSER STOCK NO.	Use with Size	Price Each 1	25	50	100
517-3357-9209	9 pin	2.77	2.52	2.29	Call
517-3357-9225	25 pin	3.68	3.35	3.05	

3M SCOTCHFLEX® ECONOMY SOCKET CONNECTORS

Features:
- Will accommodate 26-28 AWG stranded
- Will accept 30 AWG solid
- Mates with most headers with .10 x .10 grid

Specifications:
- Current rating: 1 amp
- Withstand voltage: 1000 Vrms

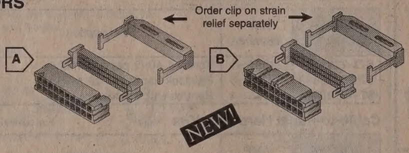


MOUSER STOCK NO.	Number of Contacts	Price Each 1	25	50	100
517-8910	10	.51	.42	.41	Call For Quote
517-8914	14	.65	.54	.53	
517-8916	16	.72	.60	.59	
517-8920	20	.87	.72	.70	
517-8924	24	1.01	.84	.82	
517-8926	26	1.08	.90	.88	
517-8930	30	1.23	1.02	1.00	
517-8934	34	1.34	1.19	1.11	Call For Quote
517-8940	40	1.51	1.33	1.29	
517-8950	50	1.90	1.68	1.58	
517-8960	60	2.27	2.01	1.87	

SOCKET CONNECTORS

Features:
- Will accommodate 26-28AWG stranded or up to 30AWG solid
- Mates with most headers with .10" x .10" grid

Specifications:
- Housing material: glass reinforced UL94V-0
- Current rating: 1 amp
- Withstand voltage: 1000Vrms



Polarizing Slots (Open Ended for Daisy Chaining)

MOUSER STOCK NO.	Fig.	Number of Contacts	Price Each 1	25	50	100
517-3473-6000	A	10	1.93	1.76	1.60	Call For Quote
517-3385-6000	A	14	2.35	2.14	1.95	
517-3452-6000	A	16	2.56	2.33	2.12	
517-3421-6000	A	20	2.83	2.58	2.35	
517-3626-6000	A	24	3.39	3.08	2.80	
517-3399-6000	A	26	3.66	3.33	3.03	
517-3419-6000	A	30	4.20	3.82	3.48	
517-3414-6000	A	34	4.76	4.33	3.94	Call For Quote
517-3417-6000	A	40	5.60	5.10	4.64	
517-3425-6000	A	50	6.99	6.36	5.79	
517-3334-6000	A	60	8.65	7.87	7.16	

Center-Bumped Polarizing (Open-Ended for Daisy Chaining)

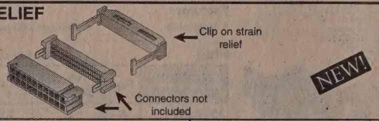
MOUSER STOCK NO.	Fig.	Number of Contacts	Price Each 1	25	50	100
517-3473-6600	B	10	2.17	1.97	1.79	Call For Quote
517-3385-6600	B	14	2.63	2.39	2.18	
517-3452-6600	B	16	2.87	2.61	2.37	
517-3421-6600	B	20	3.17	2.88	2.63	
517-3626-6600	B	24	3.39	3.08	2.80	
517-3399-6600	B	26	4.10	3.73	3.39	
517-3419-6600	B	30	4.20	3.82	3.48	
517-3414-6600	B	34	5.33	4.85	4.41	Call For Quote
517-3417-6600	B	40	6.27	5.70	5.19	
517-3425-6600	B	50	7.83	7.13	6.48	
517-3334-6600	B	60	8.65	7.87	7.16	

Center-Bumped Polarizing (Closed-Ended for Line Termination)

517-3473-7600	B	10	2.00	1.82	1.66	Call For Quote
517-3385-7600	B	14	2.41	2.19	1.99	
517-3452-7600	B	16	2.62	2.38	2.17	
517-3421-7600	B	20	2.89	2.63	2.39	
517-3626-7600	B	24	3.45	3.14	2.86	
517-3399-7600	B	26	3.72	3.39	3.08	
517-3419-7600	B	30	4.29	3.90	3.55	
517-3414-7600	B	34	4.83	4.39	3.99	Call For Quote
517-3417-7600	B	40	5.66	5.15	4.69	
517-3425-7600	B	50	7.05	6.42	5.84	
517-3334-7600	B	60	9.01	8.20	7.46	

CLIP ON STRAIN RELIEF

Strain relief for 6000, 6600, and 7600 series Scotchflex socket connectors

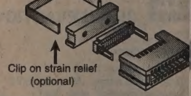


MOUSER STOCK NO.	Number of Contacts	Price Each 1	25	50	100
517-3448-3010	10	.25	.23	.21	Call For Quote
517-3448-3014	14	.25	.23	.21	
517-3448-3016	16	.25	.23	.21	
517-3448-3020	20	.25	.23	.21	
517-3448-3024	24	.25	.23	.21	
517-3448-3026	26	.25	.23	.21	
517-3448-3030	30	.29	.26	.24	
517-3448-3034	34	.29	.26	.24	Call For Quote
517-3448-3040	40	.29	.26	.24	
517-3448-3050	50	.29	.26	.24	
517-3448-3060	60	.29	.26	.24	

CARD EDGE CONNECTORS

Features:
- Reinforced card edge, resists bowing
- Metal cover clips provide superior retention
- .100 center spacing

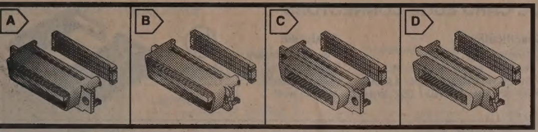
Specifications:
- Current rating: 1 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0
- 26, 28 AWG solid or stranded wire



MOUSER STOCK NO.	Number of Contacts	Price Each 1	25	50	100
517-3462-0001	26	6.13	5.58	5.08	Call For Quote
517-3463-0001	34	7.13	6.49	5.90	
517-3464-0001	40	8.74	7.95	7.24	

Clip On Strain Relief

517-3448-55	26	.81	.74	.69	Call For Quote
517-3448-56	34	.81	.74	.69	
517-3448-57	40	.81	.74	.69	



) RIBBON CONNECTORS (CENTRONICS-TYPE)

1000: **For front panel mount** with -1002 using 517-3342-3 screw mount kit or 517-3341-2 jack socket kit or -1001 using 517-3475-1 bail mount kit.
For rear panel mount with -1001 using 517-3475-2 bail mount kit.

1001: **For front panel mount** with -1000 using 517-3475-1 bail mount kit.
For rear panel mount with -1001 using 517-3475-4 bail mount kit.

1002: **For front panel mount** with -1000 using 517-3342-3 screw mount kit or 517-3341-2 jack socket kit.
For rear panel mount with -1002 using 517-3341-1L jack socket kit.

pecifications:
- Current rating: 1 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0
- 26, 28 AWG solid or stranded wire

lugs

• 3 mounting styles

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
517-3366-1000	A	36 contact without threaded insert	7.20	6.55	5.96	Call For Quote
517-3366-1001	B	36 contact with bail mount ears	7.55	6.87	6.25	
517-3366-1002	A	36 contact with threaded insert	7.71	7.02	6.38	
517-3564-1000	A	50 contact without threaded insert	8.57	7.80	7.10	
517-3564-1001	B	50 contact with bail mount ears	9.25	8.42	7.66	
517-3564-1002	A	50 contact with threaded insert	9.48	8.62	7.85	

eceptacles

• 3 mounting styles

MOUSER STOCK NO.	Fig.	Description	1	25	50	100
517-3367-1000	C	36 contact without threaded insert	7.20	6.55	5.96	Call For Quote
517-3367-1001	D	36 contact with bail mount ears	7.55	6.87	6.25	
517-3367-1002	C	36 contact with threaded insert	7.71	7.02	6.38	
517-3565-1000	C	50 contact without threaded insert	8.57	7.80	7.10	
517-3565-1001	D	50 contact with bail mount ears	9.25	8.42	7.66	
517-3565-1002	C	50 contact with threaded insert	9.48	8.62	7.85	

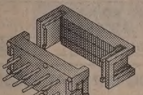
lip On Strain Relief

MOUSER STOCK NO.	Fig.	Description	1	25	50	100
517-3448-62	- - -	For 36 contact connector	.39	.35	.32	Call
517-3448-63	- - -	For 50 contact connector	.39	.35	.32	

ounting Kits

MOUSER STOCK NO.	Description	Price Each	
		1	5
517-3475-1	Front mount bail mount kit	.99	.83
517-3475-4	Rear mount bail mount kit	.99	.83
517-3341-1L	Rear mount jack socket kit	1.19	1.06
517-3341-2	Front mount jack socket kit	1.09	.96
517-3342-3	Front mount screw mount kit	.53	.48

100” x .100” 2 ROW PCB CONNECTORS

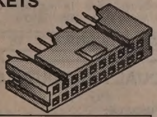


eatures:
- Fits standard .100" x .100" PCB header layout
- Uses less board area than 4 row designs
- Can be used as a transition plug
- Accommodates 26 and 28 AWG solid or stranded; 30 AWG solid .050 flat cable

pecifications:
- Current rating: 1 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0

MOUSER STOCK NO.	Number of Contacts	Body Width (In.)	Price Each			
			1	25	50	100
517-3910-T	10	.70	1.98	1.78	1.60	Call For Quote
517-3914-T	14	.90	2.24	2.02	1.81	
517-3916-T	16	1.00	2.26	2.03	1.83	
517-3920-T	20	1.20	2.38	2.14	1.93	
517-3924-T	24	1.40	2.47	2.22	2.00	
517-3926-T	26	1.50	2.52	2.27	2.04	
517-3930-T	30	1.70	2.70	2.43	2.19	
517-3934-T	34	1.90	2.87	2.58	2.32	
517-3936-T	36	2.00	3.04	2.74	2.47	
517-3940-T	40	2.20	3.26	2.93	2.64	
517-3950-T	50	2.70	3.87	3.48	3.13	Call For Quote
517-3960-T	60	3.20	4.59	4.13	3.72	
517-3964-T	64	3.40	4.92	4.53	4.08	

100” x .100” POLARIZED BOARD MOUNT SOCKETS



eatures:
- Center bump polarization
- Mates with low profile shrouded headers
- Board retention feature

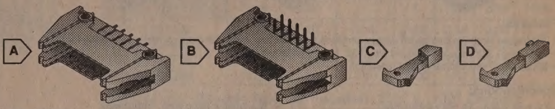
pecifications:
- Current rating: 1 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0

MOUSER STOCK NO.	Number of Contacts	Body Width (In.)	Price Each			
			1	25	50	100
517-8520-4500	20	1.18	2.95	2.65	2.39	Call For Quote
517-8526-4500	26	1.48	3.36	3.02	2.72	
517-8534-4500	34	1.88	3.84	3.46	3.11	
517-8540-4500	40	2.18	4.55	4.10	3.69	
517-8550-4500	50	2.68	5.44	4.90	4.41	

.100” x .100” 4 WALL HEADERS

Features:
- Optional ejector latches
- Mounting holes allow mounting header to PC board
- Shrouded to prevent pin damage

Specifications:
- Current rating: 1 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0



Straight

MOUSER STOCK NO.	Fig.	No. of Contacts	Body Width (In.)	Price Each			
				1	25	50	100
517-3446-6002	A	10	1.26	1.72	1.55	1.39	Call For Quote
517-3314-6002	A	14	1.46	1.91	1.72	1.55	
517-3408-6002	A	16	1.56	1.98	1.78	1.60	
517-3428-6002	A	20	1.76	2.12	1.91	1.72	
517-3627-6002	A	24	1.96	2.45	2.21	1.99	
517-3429-6002	A	26	2.06	2.61	2.35	2.11	
517-3440-6002	A	30	2.26	3.01	2.71	2.44	
517-3431-6002	A	34	2.46	3.38	3.04	2.74	
517-3432-6002	A	40	2.76	3.87	3.48	3.13	Call For Quote
517-3433-6002	A	50	3.26	4.66	4.19	3.77	
517-3372-6002	A	60	3.76	5.73	5.16	4.64	

Right Angle

MOUSER STOCK NO.	Fig.	No. of Contacts	Body Width (In.)	Price Each			
				1	25	50	100
517-3446-5002	B	10	1.26	1.72	1.55	1.39	Call For Quote
517-3314-5002	B	14	1.46	1.91	1.72	1.55	
517-3408-5002	B	16	1.56	1.98	1.78	1.60	
517-3428-5002	B	20	1.76	2.12	1.91	1.72	
517-3627-5002	B	24	1.96	2.45	2.21	1.99	
517-3429-5002	B	26	2.06	2.61	2.35	2.11	
517-3440-5002	B	30	2.26	3.01	2.71	2.44	
517-3431-5002	B	34	2.46	3.38	3.04	2.74	
517-3432-5002	B	40	2.76	3.87	3.48	3.13	Call For Quote
517-3433-5002	B	50	3.26	4.66	4.19	3.77	
517-3372-5002	B	60	3.76	5.73	5.16	4.64	

Optional Ejector Latches for Headers

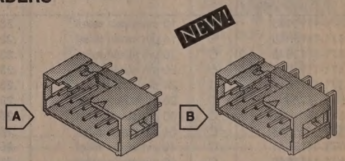
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	For Use With Socket Connector	Price Each	
			1	100
517-3505-2	C	Short latch without retainer clip	.10	.08
517-3505-3	D	Large latch with retainer clip	.10	.08

LOW PROFILE BOX HEADERS

Features:
- Low profile design
- Industry compatible

Specifications:
- Current rating: 2 amp
- Withstand voltage: 1000 volts
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0



Straight

MOUSER STOCK NO.	Fig.	Number of Contacts	Price Each			
			1	25	50	100
517-2510-6002	A	10	1.34	1.22	1.11	Call For Quote
517-2514-6002	A	14	1.38	1.26	1.15	
517-2516-6002	A	16	1.54	1.40	1.27	
517-2520-6002	A	20	1.60	1.46	1.33	
517-2524-6002	A	24	1.68	1.53	1.39	
517-2526-6002	A	26	1.71	1.56	1.42	
517-2530-6002	A	30	1.97	1.79	1.63	
517-2534-6002	A	34	2.05	1.87	1.70	
517-2540-6002	A	40	2.19	1.99	1.81	Call For Quote
517-2550-6002	A	50	2.72	2.47	2.25	
517-2560-6002	A	60	3.27	2.98	2.71	

Right Angle

MOUSER STOCK NO.	Fig.	Number of Contacts	Price Each			
			1	25	50	100
517-2510-5002	B	10	1.47	1.34	1.22	Call For Quote
517-2514-5002	B	14	1.52	1.38	1.26	
517-2516-5002	B	16	1.69	1.54	1.40	
517-2520-5002	B	20	1.76	1.60	1.46	
517-2524-5002	B	24	1.84	1.67	1.52	
517-2526-5002	B	26	1.87	1.70	1.55	
517-2530-5002	B	30	2.53	2.30	2.09	
517-2534-5002	B	34	2.24	2.04	1.86	
517-2540-5002	B	40	2.41	2.19	1.99	Call For Quote
517-2550-5002	B	50	3.00	2.73	2.48	
517-2560-5002	B	60	3.59	3.27	2.98	

IDC Connectors and Headers

(Insulation Displacement Connectors)

AMP -LATCH UNI-BEAM CONNECTORS

NEW IN '95

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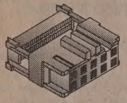

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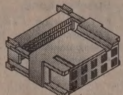

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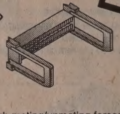

Features:

- Pre-loaded single mating beam design, provides a high normal force without high mating/unmating forces
- Mates with .025" square or round pin, .125" max. post length
- IDC for fast, economical mass termination

Specifications:

- Current rating: 1A per contact max.
- Dielectric withstanding voltage: 500VAC min
- Insulation resistance: 5000MΩ min.
- Termination resistance: 15mΩ max.
- Operating temperature range: -65°C to +105°C

Uni-Beam (Center / Military Polarized)

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
571-1116331	A	10 position IDC socket	1.09	.99	.90	Call
571-1116332	A	14 position IDC socket	1.51	1.38	1.25	For
571-1116333	A	16 position IDC socket	1.73	1.58	1.43	Quote
571-1116334	A	20 position IDC socket	2.16	1.96	1.78	
571-1116335	A	24 position IDC socket	2.38	2.16	1.97	
571-1116336	A	26 position IDC socket	2.55	2.32	2.11	
571-1116337	A	30 position IDC socket	2.85	2.59	2.35	
571-1116338	A	34 position IDC socket	3.15	2.86	2.60	
571-1116339	A	40 position IDC socket	3.62	3.29	2.99	Call
571-11116330	A	50 position IDC socket	4.39	3.99	3.62	For
571-11116331	A	60 position IDC socket	5.12	4.65	4.23	Quote

Uni-Beam (Military Polarized)

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
571-1116341	B	10 position IDC socket	1.09	.99	.90	Call
571-1116342	B	14 position IDC socket	1.51	1.38	1.25	For
571-1116343	B	16 position IDC socket	1.73	1.58	1.43	Quote
571-1116344	B	20 position IDC socket	2.16	1.96	1.78	
571-1116345	B	24 position IDC socket	2.38	2.16	1.97	
571-1116346	B	26 position IDC socket	2.55	2.32	2.11	
571-1116347	B	30 position IDC socket	2.85	2.59	2.35	
571-1116348	B	34 position IDC socket	3.15	2.86	2.60	
571-1116349	B	40 position IDC socket	3.62	3.29	2.99	Call
571-11116340	B	50 position IDC socket	4.39	3.99	3.62	For
571-11116341	B	60 position IDC socket	5.12	4.65	4.23	Quote

Strain Relief

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
571-1115645	C	10 pin strain relief	.23	.21	.19	Call
571-1115649	C	14 pin strain relief	.23	.21	.19	For
571-1115648	C	16 pin strain relief	.23	.21	.19	Quote
571-1115642	C	20 pin strain relief	.23	.21	.19	
571-11115640	C	24 pin strain relief	.23	.21	.19	
571-1115643	C	26 pin strain relief	.23	.21	.19	
571-11115642	C	30 pin strain relief	.26	.23	.22	
571-1115646	C	34 pin strain relief	.26	.23	.22	
571-1115641	C	40 pin strain relief	.26	.23	.22	Call
571-1115644	C	50 pin strain relief	.26	.23	.22	For
571-1115647	C	60 pin strain relief	.26	.23	.22	Quote

CA 3 WALL HEADERS

- Mates with 164-Series IDC socket connectors

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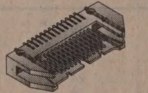

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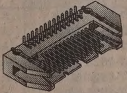
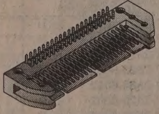


MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	50	100	500
544-CA26HRS-094	A	Straight 26 position	2.09	1.80	1.59	Call For Quote
544-CA50HRS-094	A	Straight 50 position	4.03	3.68	3.05	
544-CA26HRR-094	B	Right Angle 26 position	2.49	2.13	1.88	
544-CA34HRR-094	B	Right Angle 34 position	3.25	2.79	2.45	
544-CA50HRR-094	B	Right Angle 50 position	3.25	2.79	2.45	

AUGAT IDC HEADER ASSEMBLIES



Features:

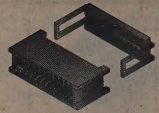
- Industry compatible
- Low profile design

Specifications:

- Insulator: glass-filled polyester thermoplastic
- Contact material: gold plated brass
- Current rating: 1 amp

MOUSER STOCK NO.	No. of Cont.	Description	Price Each			
			1	100	500	1000
506-110-40001-102	40	Right angle PC header	4.44	4.04	3.70	Call

IDC CARD EDGE CONNECTORS



Specifications:

- Current rating: 1 amp
- Insulation resistance: 1000 MΩ
- Breakdown voltage: 500V / 1 minute
- IDC wire size: 28AWG / .050" spacing

Features:

- Mass termination
- No soldering
- Gold contacts
- Strain relief

UL 94V-0

MOUSER STOCK NO.	Description	Price Each			
		1	10	100	500
151-1020	20 contact IDC card edge connector	.89	.69	.63	
151-1326	26 contact IDC card edge connector	1.19	.99	.90	Call
151-1734	34 contact IDC card edge connector	.96	.74	.67	For
151-2040	40 contact IDC card edge connector	1.73	1.49	1.31	Quote
151-2550	50 contact IDC card edge connector	1.91	1.59	1.45	

IDC SOCKET CONNECTOR WITH STRAIN RELIEF

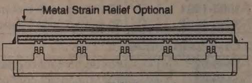
Specifications:

- .100" spacing
- Strain relief
- Gold over nickel plating in contact area
- UL 94V-0
- Rating: 1A

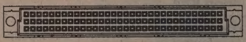
164-9006	10 contact with strain relief	.43	.38	.34	Call
164-9007	14 contact with strain relief	.55	.50	.45	For
164-9008	16 contact with strain relief	.61	.53	.48	Quote
164-9001	20 contact with strain relief	.74	.64	.59	
164-9010	24 contact with strain relief	.86	.78	.68	
164-9002	26 contact with strain relief	.92	.80	.73	
164-9003	34 contact with strain relief	1.14	1.04	.92	
164-9004	40 contact with strain relief	1.28	1.17	1.04	
164-9005	50 contact with strain relief	1.62	1.47	1.30	Call
164-9009	60 contact with strain relief	1.93	1.75	1.55	For
164-9011	64 contact with strain relief	2.09	1.90	1.70	Quote

IDC DIN FEMALE CONNECTORS

Mates Available, See Page 122



151-96IDC Illustrated



Specifications:

- Insulation material: glass fiber-filled polyester
- UL flammability: 94V-0
- Temperature range: -55°C to +125°C
- Meets DIN 41612 standards
- Current rating: 1 amp
- Contact material: phosphor bronze
- Contact resistance: 20mΩ

Straight-Sockets

- Number of rows: 3

For quantities greater than listed, call for quote.

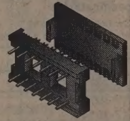
MOUSER STOCK NO.	No. of Contacts	Voltage (Max.)	Price Each			
			1	25	50	100
151-64IDC	64	1000	9.82	8.93	8.12	7.38
151-96IDC	96	800	14.93	13.57	12.34	11.22

Strain Relief (Metal)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each			
		1	25	50	100
151-96SR	For 96 and 64 contact IDC's	1.08	.83	.75	.68

IDC DIP FLAT CABLE PLUGS



DIP plug connectors are ideal for board-to-board or MPU emulation. Ribbed and grooved for positive cable positioning. They provide a low cost interconnect with excellent contact reliability.

Features:

- IDC mass termination
- Strain relief
- Gold plated contacts
- Mates with .050" flat cable

Specifications:

- Current rating: 1 amp
- Insulation resistance: $10^{10}\Omega$
- Breakdown voltage: 500VDC
- Temperature rating: -55°C to +105°C

MOUSER STOCK NO.	No. of Cont.	Description	Price Each			
			1	10	100	500
151-2P14	14	.100 x .300 pin spacing	1.04	.81	.72	Call For Quote
151-2P16	16	.100 x .300 pin spacing	1.08	.84	.76	
151-2P24	24	.100 x .600 pin spacing	1.46	1.22	1.10	
151-2P40	40	.100 x .600 pin spacing	2.00	1.67	1.52	

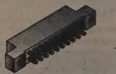
AUGAT DIP PLUG AND CABLE ASSEMBLY

Features:

- 12" long flat cable
- Current rating: 1A max. continuous
- Temperature rating: -55°C to + 105°C
- Plating: 10µ inch gold over nickel
- Contact material: beryllium copper
- Insulator material: G.F. polyester, UL rated 94V-0

506-2P16-1R12-2	16	Double plug	21.98	19.98	18.27	Call

DUAL READOUT CARD EDGE CONNECTORS



Features:

- Bifurcated contact
- UL 94V-0 insulator
- For discrete wiring
- Gold plated
- .156" center spacing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pin Configuration	Price Each			
		1	10	100	500
15PC001	2 x 10	4.40	3.36	3.08	2.75
15PC002	2 x 15	5.24	4.00	3.67	3.28
15PC005	2 x 22	5.39	4.49	4.09	3.69

AMP AMPMODU™ .025" Square Interconnection System

BREAKAWAY HEADERS

Material:

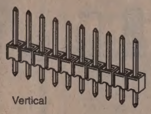
- Housing: 94V-0 black thermoplastic
- Post: Copper alloy with gold or tin over nickel in contact area and tin over nickel in solder area

Vertical - Single Row 40 Position .100" Centers

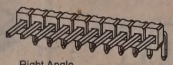
MOUSER STOCK NO.	Length (In.)		Plating	Price Each			
	Post	Tail		1	100	500	1000
571-41032390	.230	.120	Gold	3.13	2.59	2.16	Call For Quote
571-41033270	.230	.120	Tin	1.51	1.25	1.04	
571-41029760	.318	.125	Gold	3.33	2.76	2.30	
571-41033210	.318	..125	Tin	1.71	1.42	1.18	

Vertical - Double Row 80 Position .100" x .100" Centers

571-41032400	.230	.120	Gold	5.42	4.49	3.74	Call For Quote
571-41033280	.230	.120	Tin	2.17	1.80	1.50	
571-41029770	.318	.125	Gold	5.83	4.82	4.02	
571-41033220	.318	.125	Tin	2.58	2.14	1.78	



Vertical



Right Angle

Right Angle - Single Row 40 Position .100" Centers

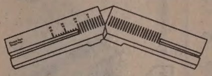
MOUSER STOCK NO.	Length (In.)		Plating	Price Each			
	Post	Tail		1	100	500	1000
571-41031480	.230	.120	Gold	3.63	2.50	2.06	Call For Quote
571-41033290	.230	.120	Tin	2.00	1.66	1.38	
571-41029780	.318	.110	Gold	3.83	3.17	2.64	
571-41033230	.318	.110	Tin	2.20	1.82	1.52	

Right Angle - Double Row 80 Position .100" x .100" Centers

571-41031490	.230	.120	Gold	6.03	4.99	4.16	Call For Quote
571-41033300	.230	.120	Tin	2.78	2.30	1.92	
571-41029790	.318	.110	Gold	6.44	5.33	4.44	
571-41033240	.318	.110	Tin	3.19	2.64	2.20	

BREAKAWAY HEADER HAND TOOL

Designed to break headers to desired number of pieces.



MOUSER STOCK NO.	Description	Price Each
571-914061	Breakaway header hand tool	200.00

SHROUDED HEADERS

Vertical - Single Row Standard Profile .100" Centers

MOUSER STOCK NO.	Number of Positions	Width	Price Each			
			1	100	500	1000
571-1034141	3	.42	1.42	1.21	1.07	Call For Quote
571-1034142	4	.52	1.38	1.17	1.04	
571-1034143	5	.62	1.78	1.51	1.34	
571-1034144	6	.72	1.82	1.55	1.37	
571-1034146	8	.92	2.02	1.72	1.52	
571-1034148	10	1.12	2.72	2.31	2.04	

Vertical - Double Row Low Profile .100" x .100" Centers

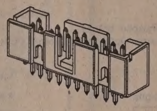
571-1033091	10	.80	1.22	1.14	.99	Call For Quote
571-1033092	14	1.00	1.66	1.56	1.35	
571-1033093	16	1.10	1.86	1.74	1.51	
571-1033095	20	1.30	2.18	2.04	1.77	
571-1033096	26	1.60	2.49	2.06	1.72	
571-1033097	34	2.00	3.16	2.62	2.18	Call For Quote
571-1033098	40	2.30	3.97	3.72	3.22	
571-11033090	50	2.80	4.64	4.35	3.77	

Vertical - Double Row Low Profile With Ejection Latches .100" x .100" Centers

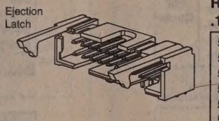
571-1043131	10	.80	3.46	3.26	2.81	Call For Quote
571-1043132	14	1.00	3.87	3.63	3.15	
571-1043133	16	1.10	3.94	3.69	3.20	
571-1043134	20	1.30	4.00	3.75	3.25	
571-1043135	26	1.60	4.45	4.17	3.61	
571-1043136	34	2.00	5.31	4.98	4.32	
571-1043137	40	2.30	6.02	5.64	4.89	
571-1043138	44	2.50	7.52	7.05	6.11	Call For Quote
571-1043139	50	2.80	7.71	7.23	6.27	
571-11043130	60	3.30	8.32	7.80	6.76	

Material:

- Housing: 94V-0 black thermoplastic
- Post: Copper alloy with gold over nickel in contact area and tin over nickel in solder area



Low Profile Vertical



Low Profile Right Angle Ejection Latch

Right Angle - Single Row Standard Profile .100" Centers

MOUSER STOCK NO.	Number of Positions	Width	Price Each			
			1	100	500	1000
571-1033611	3	.42	1.30	1.11	.98	Call For Quote
571-1033612	4	.52	1.54	1.31	1.16	
571-1033613	5	.62	1.78	1.52	1.34	
571-1033614	6	.72	1.98	1.69	1.49	
571-1033616	8	.92	2.34	1.99	1.76	
571-1033618	10	1.12	2.72	2.31	2.04	

Right Angle - Double Row Low Profile .100" x .100" Centers

571-1033111	10	.80	1.34	1.26	1.09	Call For Quote
571-1033112	14	1.00	1.82	1.71	1.48	
571-1033113	16	1.10	2.05	1.92	1.66	
571-1033115	20	1.30	2.40	2.25	1.95	
571-1033116	26	1.60	3.04	2.85	2.47	
571-1033117	34	2.00	3.84	3.60	3.12	Call For Quote
571-1033118	40	2.30	4.35	4.08	3.54	
571-11033110	50	2.80	5.12	4.80	4.16	

Right Angle - Double Row Low Profile With Ejection Latches .100" x .100" Centers

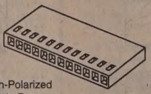
571-1041301	10	.80	3.46	3.24	2.81	Call For Quote
571-1041302	14	1.00	3.87	3.63	3.15	
571-1041303	16	1.10	3.94	3.69	3.20	
571-1041304	20	1.30	4.00	3.75	3.25	
571-1041305	26	1.60	4.45	4.17	3.61	
571-1041306	34	2.00	5.31	4.98	4.32	
571-1041307	40	2.30	6.02	5.64	4.89	
571-1041308	44	2.50	7.52	7.05	6.11	Call For Quote
571-1041309	50	2.80	7.71	7.23	6.27	
571-11041300	60	3.30	8.32	7.80	6.76	

MOD.IV WIRE-APPLIED HOUSINGS

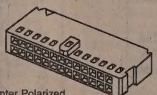
Material: • Housing: 94V-0 black thermoplastic

Non-Polarized Single Row Housings .100" Centers

MOUSER STOCK NO.	Number of Positions	Housing Width	Price Each			
			1	100	1000	5000
571-7874991	1	.105	.70	.64	.540	Call For Quote
571-874993	2	.205	.73	.66	.570	
571-874995	3	.305	.52	.47	.405	
571-874997	4	.405	.46	.41	.345	
571-874999	5	.505	.46	.41	.345	
571-1874991	6	.605	.46	.41	.345	
571-874991	7	.705	.60	.55	.480	
571-1874993	8	.805	.48	.43	.375	Call For Quote
571-1874995	9	.905	.76	.69	.600	
571-1874997	10	1.005	.58	.53	.465	



Non-Polarized Single Row



Center Polarized Double Row

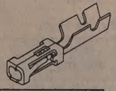
Center Polarized Double Row Housings .100" x .100" Centers

MOUSER STOCK NO.	Number of Positions	Housing Width	Price Each			
			1	100	1000	5000
571-1023871	10	.68	1.00	.90	.780	Call For Quote
571-1023872	14	.88	1.02	.92	.795	
571-1023873	16	.98	1.19	1.07	.915	
571-1023874	20	1.18	1.35	1.22	1.050	
571-1023875	24	1.38	1.46	1.32	1.140	
571-1023876	26	1.48	1.50	1.35	1.160	
571-1023877	30	1.68	1.73	1.56	1.350	
571-1023878	34	1.88	1.87	1.69	1.460	
571-1023879	40	2.18	2.08	1.88	1.620	
571-11023870	50	2.68	2.50	2.26	1.950	Call For Quote
571-11023871	60	3.18	2.72	2.46	2.120	
571-11023872	64	3.38	2.87	2.59	2.240	

MOD.IV RECEPTACLE CONTACTS

Plating:

- Gold: Gold flash over nickel with an additional .000015 gold on contact area
- Tin: Bright tin over nickel



Standard Pressure Contact

- Use crimp tool 571-601884-1

MOUSER STOCK NO.	Material	Plating	Wire AWG	Terminal Length (In.)	Price Each			
					1	100	1000	5000
571-876673	Be Cu	Tin	26-22	.445	.22	.19	.164	Call For Quote
571-876672	Be Cu	Gold	26-22	.445	.34	.29	.257	
571-860163	Be Cu	Tin	24-20	.470	.22	.19	.164	
571-860162	Be Cu	Gold	24-20	.470	.34	.29	.255	

Intermediate Pressure Contact

- Use crimp tool 571-601884-1

MOUSER STOCK NO.	Material	Plating	Wire AWG	Terminal Length (In.)	Price Each			
					1	100	1000	5000
571-870464	Be Cu	Tin	24-20	.470	.26	.22	.196	Call
571-870463	Be Cu	Gold	24-20	.470	.35	.30	.262	

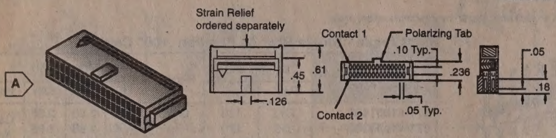
High Pressure Contact

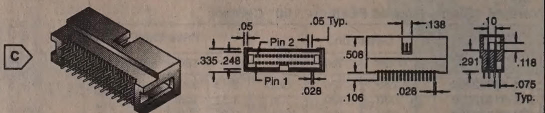
- Use crimp tool 571-601884-1

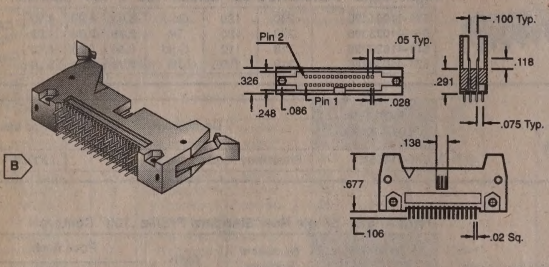
571-1021282	Ph Bz	Tin	26-22	.445	.14	.12	.105	Call For Quote
571-1021281	Ph Bz	Gold	26-22	.445	.26	.22	.198	
571-1873093	Ph Bz	Tin	24-20	.470	.14	.12	.105	
571-1873094	Ph Bz	Gold	24-20	.470	.27	.23	.206	

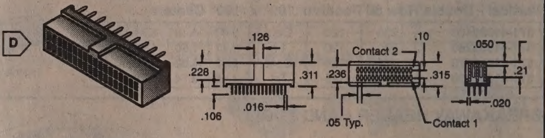
CA NANOFLEX™ IDC High Density Connectors

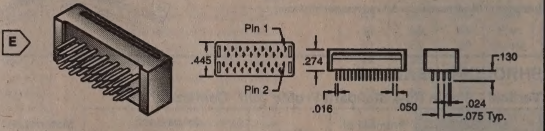
DIMENSIONS (IN.)











NANOFLEX is the new standard for high density IDC interconnect systems. It offers the proven reliability and the economy of mass termination while reducing the occupied space to half the size. NANOFLEX reliably connects up to 100 positions utilizing .025" conductor center ribbon cable.

Mechanical Specifications:

- UL recognized
- Insulator material: glass filled polyester, blue, UL94V-0
- Contact material: cable mount (NFS & NFT)-beryllium copper board mount (NFH, NFHL ,& NFVS)-phosphor bronze
- Contact plating: cable mount (NFS & NFT)-12µIN gold board mount (NFH, NFHL ,& NFVS)-contact area-12µIN gold/tail area-100µIN tin/lead
- Recommended wire size: 30AWG .025 center ribbon cable (where applicable)

Electrical Specifications:

- Current rating: 0.5 amp
- Voltage rating: 500VAC (1 minute)
- Insulator resistance: >1000MΩ
- Contact resistance: 20MΩ (where applicable)

IDC Socket

- Terminates to .025" center cable
- .050" x .100" contact grid

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	500
544-26NFS-12G	A	26	3.19	2.86	2.60	Call For Quote
544-34NFS-12G	A	34	3.79	3.44	3.13	
544-40NFS-12G	A	40	4.49	3.94	3.58	
544-50NFS-12G	A	50	5.29	4.71	4.28	
544-60NFS-12G	A	60	6.29	5.56	5.05	
544-80NFS-12G	A	80	8.19	7.24	6.58	
544-100NFS-12G	A	100	10.29	9.13	8.30	

Strain Relief

- For use with socket
- Not illustrated

MOUSER STOCK NO.	No. of Positions	Price Each			
		1	25	100	500
544-CA-SR26NFS	26	.24	.21	.19	Call For Quote
544-CA-SR34NFS	34	.27	.25	.23	
544-CA-SR40NFS	40	.27	.25	.23	
544-CA-SR50NFS	50	.31	.28	.25	
544-CA-SR60NFS	60	.31	.28	.25	
544-CA-SR80NFS	80	.45	.41	.30	
544-CA-SR100NFS	100	.45	.41	.30	

Shrouded Header

- 4 row .050" x .075" staggered PCB grid
- .050" x .100" contact grid

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	500
544-26NFH-12GT	B	26	2.92	2.60	2.36	Call For Quote
544-34NFH-12GT	B	34	3.29	2.89	2.63	
544-40NFH-12GT	B	40	3.48	3.09	2.81	
544-50NFH-12GT	B	50	3.89	3.47	3.15	
544-60NFH-12GT	B	60	4.59	4.08	3.71	
544-80NFH-12GT	B	80	5.69	5.20	4.73	
544-100NFH-12GT	B	100	7.29	6.48	5.89	

Low Box Header

- 4 row .050" x .075" staggered PCB grid
- .050" x .100" contact grid

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	500
544-26NFHL-12GT	C	26	1.89	1.69	1.54	Call For Quote
544-34NFHL-12GT	C	34	2.29	2.02	1.84	
544-40NFHL-12GT	C	40	2.49	2.23	2.03	
544-50NFHL-12GT	C	50	2.99	2.60	2.36	
544-60NFHL-12GT	C	60	3.69	3.22	2.93	
544-80NFHL-12GT	C	80	4.59	4.05	3.68	

Board Mount Socket

- 4 row .050" x .075" staggered PCB grid
- .050" x .100" contact grid

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	500
544-26NFVS-12GT	D	26	2.59	2.31	2.10	Call For Quote
544-34NFVS-12GT	D	34	3.19	2.81	2.55	
544-40NFVS-12GT	D	40	3.69	3.23	2.94	
544-50NFVS-12GT	D	50	4.59	4.03	3.66	
544-60NFVS-12GT	D	60	5.39	4.75	4.32	
544-80NFVS-12GT	D	80	6.99	6.20	5.64	

IDC Transition Plug

- Terminates to 30AWG .025" ribbon cable

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	500
544-26NFT-12G	E	26	4.09	3.60	3.27	Call For Quote
544-34NFT-12G	E	34	4.99	4.39	3.99	
544-40NFT-12G	E	40	5.69	4.98	4.53	
544-50NFT-12G	E	50	6.89	6.07	5.52	
544-60NFT-12G	E	60	7.89	7.03	6.39	
544-80NFT-12G	E	80	10.49	9.31	8.46	
544-100NFT-12G	E	100	12.92	11.48	10.44	

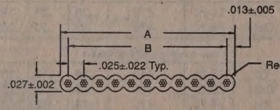
NANOFLEX™ HI-DENSITY CABLE

Mechanical Specifications:

- Conductor: 30AWG, 7/38
- Insulator: PVC gray

Electrical Specifications:

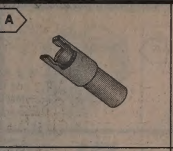
- Voltage rating: 30V
- Impedance: 75Ω
- Temperature rating: 105°C

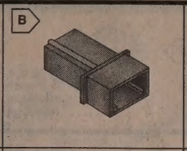


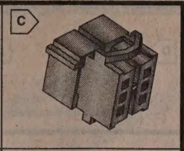
By the Foot / **By the 100ft. Reel**

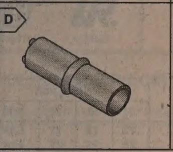
MOUSER STOCK NO.	No. of Positions	Dimensions (In.)		Price Per Foot		REEL STOCK NO.	Price Per Reel	
		A	B	1	25		1	5
544-26NFC/FT	26	.65	.625	.77	.70	544-26NFC	65.00	59.00
544-34NFC/FT	34	.85	.825	.99	.90	544-34NFC	84.00	76.00
544-40NFC/FT	40	1.00	.975	1.19	1.08	544-40NFC	100.00	91.00
544-50NFC/FT	50	1.25	1.225	1.46	1.33	544-50NFC	123.00	112.00
544-60NFC/FT	60	1.50	1.475	1.74	1.58	544-60NFC	146.00	133.00
544-80NFC/FT	80	2.00	1.975	2.80	2.55	544-80NFC	236.00	215.00
544-100NFC/FT	100	2.50	2.475	2.92	2.66	544-100NFC	246.00	224.00

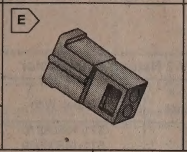
AMP Commercial MATE-N-LOK Connectors

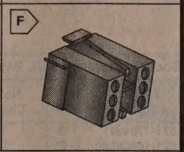


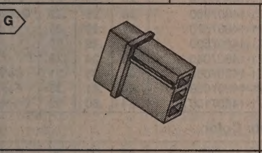


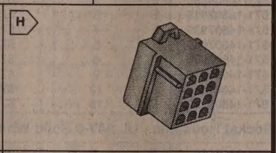


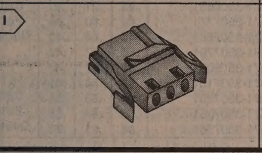


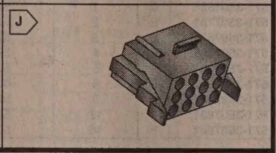












OMMERCIAL MATE-N-LOK CONNECTORS

E28976 LR16476

atures:

Fully polarized 94V-2 housings
Integral design locking devices
Connectors can be panel mounted to .025" - .065" panels
Contacts accept wire size range 24-14 AWG

Specifications:

- Current rating: 7A
- Voltage rating: 300V
- Operating temperature: -20°C to +105°C

ee Hanging Pin Housing - UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Housing Type	Price Each 1	10	100	500
71-14803510	A	1	Positive lock	.18	.14	.13	Call For Quote
71-14803190	B	2	In-line version	.23	.21	.17	
71-14803050	G	3	In-line version	.29	.22	.20	
71-14804260	G	4	In-line version	.40	.31	.28	
71-14803400	C	6	Matrix version	.45	.34	.31	
71-14803450	C	8	Matrix version	.48	.37	.33	
71-14803390	C	10	Matrix version	.55	.41	.37	

ee Hanging Socket Housing - UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Locking Type	Price Each 1	10	100	500
71-14803490	D	1	Detent / Positive	.16	.13	.12	Call For Quote
71-14807200	E	2	Positive	.54	.41	.38	
71-14803180	E	2	Detent	.23	.18	.15	
71-14807210	E	3	Positive	.56	.43	.39	
71-14803030	E	3	Detent	.32	.24	.23	
71-14807220	E	4	Positive	.61	.46	.43	
71-14804240	E	4	Detent	.34	.28	.25	
71-14802700	F	6	Positive	.51	.43	.39	
71-14802830	F	8	Positive	.56	.43	.39	
71-14802850	F	10	Positive	.70	.48	.43	
71-14802870	F	12	Positive	.66	.50	.46	
71-14804380	F	16	Positive	1.00	.76	.70	

nel Mount Pin Housing - UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Housing Type	Price Each 1	10	100	500
71-14803050	G	3	In-line version	.29	.22	.20	Call For Quote
71-14804260	G	4	In-line version	.40	.31	.28	
71-14802760	H	6	Matrix version	.45	.37	.33	
71-14802770	H	9	Matrix version	.51	.43	.39	
71-14802780	H	12	Matrix version	.63	.47	.45	
71-14803240	H	15	Matrix version	.89	.68	.61	

nel Mount Socket Housing - UL 94V-2 Natural Nylon Color

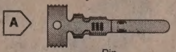
MOUSER STOCK NO.	Fig.	No. of Circuits	Housing Type	Price Each 1	10	100	500
71-14803040	I	3	In-line version	.40	.30	.28	Call For Quote
71-14804250	I	4	In-line version	.39	.32	.27	
71-14802730	J	6	Matrix version	.50	.40	.37	
71-14802740	J	9	Matrix version	.58	.46	.41	
71-14802750	J	12	Matrix version	.68	.51	.47	
71-14803230	J	15	Matrix version	1.00	.76	.68	

PIN AND SOCKET CONTACTS

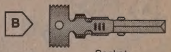
Contacts to be used in Commercial Mate-N-Lok Housings only.

Features:

- Tin plated brass
- Pin length: .805"
- Socket length: .695"



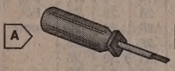
Pin



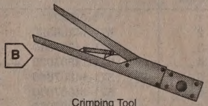
Socket

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100	500
571-606201	A	Pin 20-14AWG	.13	.10	.09	Call For Quote
571-606181	A	Pin 24-18AWG	.13	.10	.09	
571-606191	B	Socket 20-14AWG	.13	.10	.09	
571-606171	B	Socket 24-18AWG	.13	.10	.09	

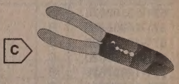
TOOLS



Extraction Tool

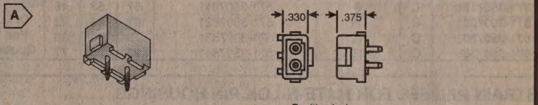


Crimping Tool

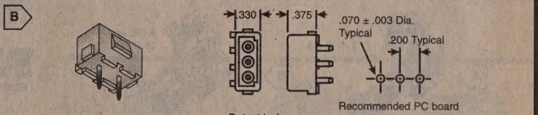


Crimping Tool

MOUSER STOCK NO.	Fig.	Description	Price Each
571-4656441	A	Contact extraction tool	13.90
571-901232	B	24-18AWG Certi-Crimp crimping tool	329.81
571-901242	B	20-14AWG Certi-Crimp crimping tool	329.81
571-6018841	C	Crimping tool	47.17

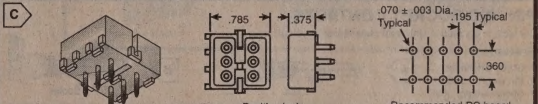


Positive lock



Detent lock

Recommended PC board mounting dimensions



Positive lock

Recommended PC board mounting dimensions

PC BOARD MOUNT CONNECTORS

Vertical Pin Header Assemblies

LR16455-38 E28476

Features:

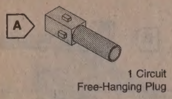
- Fully polarized 94 V-2 nylon housings
- Integral design locking devices
- PCB mounting
- Available in 2-16 circuits
- Available in tin or gold plated copper
- Alloy contacts

* Use with .062 PCB thickness
** Use with .125 PCB thickness

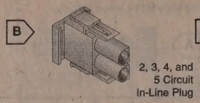
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	No. of Circuits	Mates With	Price Each 1	10	100
* 571-3505391	A	Tin plated w/ positive lock	2	571-14807200	.56	.42	.39
* 571-3502091	B	Tin plated w/ detent lock	2	571-14803180	.37	.28	.26
** 571-3504221	B	Tin plated w/ detent lock	2	571-14803180	.47	.35	.32
* 571-3502092	B	Gold plated w/ detent lock	2	571-14803180	.90	.68	.62
* 571-3505411	A	Tin plated w/ positive lock	3	571-14807210	.82	.62	.56
* 571-3502101	B	Tin plated w/ detent lock	3	571-14803030	.58	.44	.40
* 571-3502102	B	Gold plated w/ detent lock	3	571-14803030	1.38	1.04	.95
* 571-3505431	A	Tin plated w/ positive lock	4	571-14807220	1.16	.87	.82
* 571-3502111	B	Tin plated w/ detent lock	4	571-14804240	.66	.50	.45
** 571-3504241	B	Tin plated w/ detent lock	4	571-14804240	.71	.53	.48
* 571-3502112	B	Gold plated w/ detent lock	4	571-14804240	1.96	1.48	1.34
** 571-3504251	C	Tin plated w/ positive lock	6	571-14802700	.82	.62	.56
* 571-3502121	C	Tin plated w/ positive lock	8	571-14802830	.92	.69	.63
** 571-3504261	C	Tin plated w/ positive lock	8	571-14802830	.95	.71	.65
* 571-3502122	C	Gold plated w/ positive lock	8	571-14802830	2.66	2.00	1.82
* 571-13809910	C	Tin plated w/ positive lock	10	571-14802850	1.06	.80	.73
** 571-3502191	C	Tin plated w/ positive lock	10	571-14802850	1.38	1.04	.95
* 571-23809910	C	Gold plated w/ positive lock	10	571-14802850	3.51	2.64	2.40
* 571-3502131	C	Tin plated w/ positive lock	12	571-14802870	1.40	1.05	.96
** 571-3502201	C	Tin plated w/ positive lock	12	571-14802870	1.46	1.10	1.00
* 571-3502132	C	Gold plated w/ positive lock	12	571-14802870	4.04	3.04	2.76
* 571-3502141	C	Tin plated w/ positive lock	16	571-14804380	1.69	1.27	1.17
** 571-3504271	C	Tin plated w/ positive lock	16	571-14804380	2.25	1.69	1.60

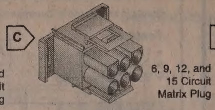
AMP Universal MATE-N-LOK Connectors



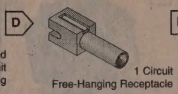
1 Circuit
Free-Hanging Plug



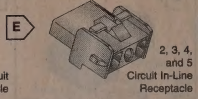
2, 3, 4, and
5 Circuit
In-Line Plug



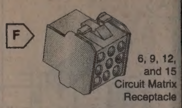
6, 9, 12, and
15 Circuit
Matrix Plug



1 Circuit
Free-Hanging Receptacle



2, 3, 4,
and 5
Circuit In-Line
Receptacle



6, 9, 12,
and 15
Circuit Matrix
Receptacle

UNIVERSAL MATE-N-LOK CONNECTORS

Specifications:
- Current rating is 15 amps
- .250" contact center spacing

NEW!

E28976 LR16476

Pin Housings - UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Mates With	Price Each			
				1	10	100	500
571-13508670	A	1	571-7704211	.14	.13	.11	Call For Quote
571-14806980	B	2	571-14806990	.25	.23	.21	
571-14807000	B	3	571-14807010	.26	.24	.22	
571-14807020	B	4	571-14807030	.28	.25	.23	
571-14807630	B	5	571-14807640	.32	.30	.26	
571-14807040	C	6	571-14807050	.35	.31	.29	
571-14807060	C	9	571-14807070	.40	.36	.33	Call For Quote
571-14807080	C	12	571-14807090	.46	.41	.37	
571-14807100	C	15	571-14807110	.67	.61	.55	

Pin Housings - UL 94V-0 Solid White Color

571-3508651	A	1	571-3508661	.23	.21	.20	Call For Quote
571-3507771	B	2	571-3507781	.41	.39	.35	
571-3507661	B	3	571-3507671	.46	.43	.39	
571-3507791	B	4	571-3507801	.48	.45	.41	
571-3508091	B	5	571-3508101	.46	.43	.39	
571-3507151	C	6	571-3507811	.57	.53	.48	
571-3507201	C	9	571-3507821	.61	.58	.52	Call For Quote
571-3507351	C	12	571-3507831	.70	.66	.60	
571-3507361	C	15	571-3507841	.90	.85	.77	

Socket Housings - UL 94V-2 Natural Nylon Color

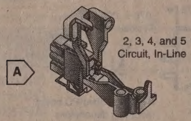
MOUSER STOCK NO.	Fig.	No. of Circuits	Mates With	Price Each			
				1	10	100	500
571-7704211	D	1	571-13508670	.13	.12	.11	Call For Quote
571-14806990	E	2	571-14806980	.25	.23	.21	
571-14807010	E	3	571-14807000	.28	.25	.23	
571-14807030	E	4	571-14807020	.31	.29	.25	
571-14807640	E	5	571-14807630	.31	.29	.25	
571-14807050	F	6	571-14807040	.36	.34	.28	
571-14807070	F	9	571-14807060	.38	.36	.31	Call For Quote
571-14807090	F	12	571-14807080	.44	.41	.35	
571-14807110	F	15	571-14807100	.64	.60	.52	

Socket Housings - UL 94V-0 Solid White Color

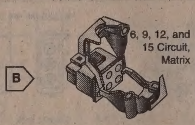
571-3508661	D	1	571-3508651	.23	.21	.20	Call For Quote
571-3507781	E	2	571-3507771	.42	.40	.36	
571-3507671	E	3	571-3507661	.47	.44	.40	
571-3507801	E	4	571-3507791	.50	.47	.42	
571-3508101	E	5	571-3508091	.50	.47	.43	
571-3507811	F	6	571-3507151	.58	.54	.49	
571-3507821	F	9	571-3507201	.60	.56	.51	Call For Quote
571-3507831	F	12	571-3507351	.68	.64	.58	
571-3507841	F	15	571-3507361	.86	.81	.73	

STRAIN RELIEFS FOR MATE-N-LOK PIN HOUSINGS

Each strain relief requires two of the following per assembly.



2, 3, 4, and 5
Circuit, In-Line



6, 9, 12, and
15 Circuit,
Matrix

LR16476

E28976

UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
571-13505890	A	Str. relief for 2, 3, 4, & 5 position conn.	.52	.44	.33	Call
571-13505900	B	Str. relief for 6, 9, 12, & 15 position conn.	.60	.51	.37	

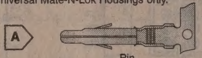
UL 94V-0 Solid White Color

571-3508111	A	Str. relief for 2, 3, 4, & 5 position conn.	.40	.37	.34	Call
571-3508121	B	Str. relief for 6, 9, 12, & 15position conn.	.46	.43	.39	

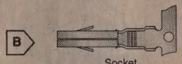
PIN AND SOCKET CONTACTS

Contacts to be used in Universal Mate-N-Lok Housings only.

Features:
- Brass, pre-tinned
- Pin length: .805"
- Socket length: .695"



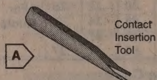
Pin



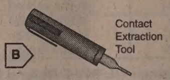
Socket

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
571-3505471	A	20-14 AWG pin contact	.09	.08	.068	Call For Quote
571-3506901	A	24-18 AWG pin contact	.09	.08	.068	
571-3505501	B	20-14 AWG socket contact	.09	.08	.068	
571-3506891	B	24-18 AWG socket contact	.09	.08	.068	

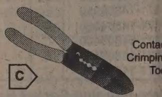
TOOL FOR MATE-N-LOK CONNECTORS



Contact
Insertion
Tool



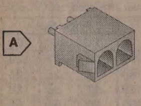
Contact
Extraction
Tool

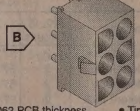


Conta
Crimpin
To

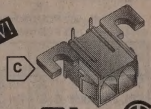
MOUSER STOCK NO.	Fig.	Description	Price Each
571-4558301	A	Contact insertion tool	15.64
571-4589942	B	Contact extraction tool	35.34
571-6018841	C	Crimping tool	47.17

PC BOARD MOUNT CONNECTORS





NEW!



- Phosphor bronze contacts
- .062 PCB thickness
- Tin plated

E28976 LR16476

Specifications:
- Up to 15 amp current rating (using 14 AWG wire)
- 500 VAC voltage rating

Features:
- Pin or socket contacts included

Vertical Pin Headers-UL 94V-2 Natural Nylon Color

✻Pin housings using socket contacts

MOUSER STOCK NO.	Fig.	No. of Circuits	Mates With ✻	Price Each			
				1	10	100	500
571-3504281	A	2	571-14806980	.39	.37	.32	Call For Quote
571-3504291	A	3	571-14807000	.45	.42	.37	
571-3504301	A	4	571-14807020	.53	.48	.44	
571-3504311	B	6	571-14807040	.74	.69	.60	
571-3504321	B	9	571-14807060	.91	.85	.74	
571-3504331	B	12	571-14807080	1.13	1.06	.92	
571-3504341	B	15	571-14807100	1.37	1.28	1.11	

Vertical Pin Headers - UL 94V-0 Solid White Color

571-3507861	A	2	571-3507771	.57	.54	.49	Call For Quote
571-3507891	A	3	571-3507661	.63	.59	.54	
571-3507921	A	4	571-3507791	.74	.70	.63	
571-3507111	B	6	571-3507151	.92	.87	.79	
571-3507121	B	9	571-3507201	1.09	1.02	.93	

Vertical Socket Headers - UL 94V-2 Natural Nylon Color

† Mates with pin housings using socket contacts

✻Pin housings using pin contac

MOUSER STOCK NO.	Fig.	No. of Circuits	Mates With ✻	Price Each			
				1	10	100	500
571-3507594	A	2	571-14806980	.34	.32	.28	Call For Quote
571-3507604	A	3	571-14807000	.43	.41	.35	
571-3507614	A	4	571-14807020	.52	.49	.43	
571-3507624	B	6	571-14807040	.78	.73	.63	
571-3507634	B	9	571-14807060	1.04	.98	.85	
571-3507644	B	12	571-14807080	1.29	1.21	1.05	
571-3507654	B	15	571-14807100	1.42	1.29	1.18	

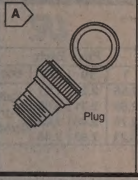
Vertical Socket Headers - UL 94V-0 Solid White Color

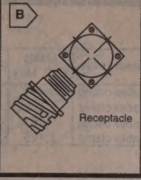
571-3508241	A	2	571-3507771	.55	.52	.47	Call For Quote
571-3508251	A	3	571-3507661	.64	.60	.54	
571-3508261	A	4	571-3507791	.72	.68	.62	
571-3508271	B	6	571-3507151	.96	.90	.82	
571-3508281	B	9	571-3507201	1.20	1.13	1.03	

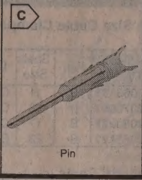
Right Angle Pin Headers - UL 94V-0 Solid White Color †

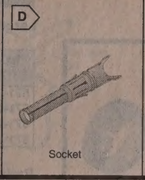
571-13509420	C	2	571-3507771	1.23	1.15	.99	Call For Quote
571-13509430	C	3	571-3507661	1.39	1.31	1.13	
571-13509440	C	4	571-3507791	1.58	1.48	1.28	
571-13509450	C	5	571-3508091	1.79	1.68	1.46	

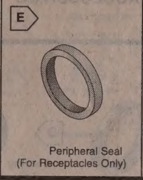
AMP CPC Circular Connectors

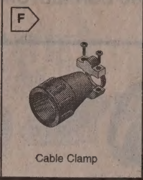


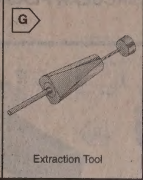


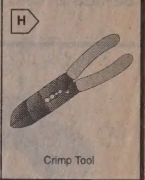












"SERIES 1" CPC CIRCULAR PLASTIC CONNECTORS (SIZE 16 CONTACTS)

These connectors are UL recognized and designed for use in commercial industries such as aircraft, automotive, instrumentation and computer/peripheral equipment. They provide substantial savings in both weight and cost. Features include: Built-in pin and socket protection; thread assisted coupling with positive indent locking; 5 key polarized to provide proper connector mating.

LR16455 E28476

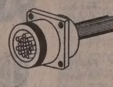
Plugs and Receptacles

(Note; Pin and sockets sold separately)

MOUSER STOCK NO.	Fig.	Cont. Arrg.	Description	Price Each			
				1	10	100	500
571-2060601	A	11-4	Plug 4 position	2.27	2.02	1.47	Call For Quote
571-2060611	B	11-4	Receptacle 4 position	1.80	1.60	1.14	
571-2067081	A	13-9	Plug 9 position	2.45	2.18	1.55	
571-2067051	B	13-9	Receptacle 9 position	1.91	1.71	1.26	
571-2060371	A	17-16	Plug 16 position	2.50	2.23	1.63	
571-2060361	B	17-16	Receptacle 16 position	1.98	1.76	1.31	
571-2061501	A	23-37	Plug 37 position	2.83	2.52	1.87	
571-2061511	B	23-37	Receptacle 37 position	2.14	1.91	1.50	

Contacts

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	1000	5000
571-665921	D	Socket 22-18 AWG	.17	.13	.12	Call For Quote
571-665911	C	Pin 22-18 AWG	.14	.12	.11	
571-665901	D	Socket 18-16 AWG	.18	.14	.12	
571-665891	C	Pin 18-16 AWG	.16	.12	.11	



Standard Receptacle
(With Pin Contacts)

Standard Plug
(With Socket Contacts
And Optional
Cable Clamps)

Accessories

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each			
				1	10	100	500
571-2064031	E	11	Peripheral seal	.44	.39	.31	Call For Quote
571-2064034	E	13	Peripheral seal	.60	.59	.46	
571-2064032	E	17	Peripheral seal	.50	.39	.36	
571-2064033	E	23	Peripheral seal	.92	.82	.65	
571-2060621	F	11	Std. size cable clamp	2.44	2.18	1.82	
571-2069661	F	13	Std. size cable clamp	2.48	2.21	1.87	
571-2060701	F	17	Std. size cable clamp	2.50	2.23	1.89	
571-2061381	F	23	Std. size cable clamp	2.54	2.27	1.91	

Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
			1
571-305183	G	Contact extraction tool	16.73
571-6018841	H	Crimping tool	47.17

'SERIES 2" CPC CIRCULAR PLASTIC CONNECTORS (SIZE 20 CONTACTS)

040 Pin Diameter

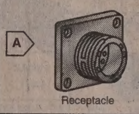
esigned for such commercial applications as automotive, aircraft, instrumentation, and computer/peripheral equipment. "Series 2" con-
ectors are designed for normal, unsealed applications. Higher density is achieved through the use of 20 DF precision formed pin and
ocket contacts with .040 pin diameters.

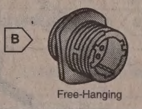
laterials:

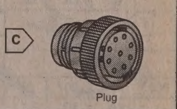
L recognized, 94V-1 rated, heat stabilized,
re resistant, self extinguishing black thermoplastic.

***STD. Gender=Pin contacts in receptacle housings, socket contacts in plug housings**
***REV. Gender=Socket contacts in receptacle housings, pin contacts in plug housings**

ins and sockets must be ordered separately)







Connector Housings

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Contact Arrg.	Gender *	Description	Price Each		
					1	10	100
71-2058411	A	11-8	Std.	Sq. flange receptacle	3.30	2.94	2.32
71-2058412	B	11-8	Std.	Free hanging receptacle	3.30	2.94	2.32
71-2058381	C	11-8	Std.	Plug	3.94	3.51	2.72
71-2064331	A	11-8	Rev.	Sq. flange receptacle	3.30	2.94	2.32
71-2064332	B	11-8	Rev.	Free hanging receptacle	3.30	2.94	2.32
71-2064341	C	11-8	Rev.	Plug	3.94	3.51	2.72
71-2064861	A	11-9	Std.	Sq. flange receptacle	3.30	2.94	2.32
71-2064862	B	11-9	Std.	Free hanging receptacle	3.30	2.94	2.32
71-2064851	C	11-9	Std.	Plug	3.94	3.51	2.72
71-2058403	A	17-28	Std.	Sq. flange receptacle	3.55	3.17	2.48

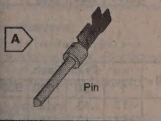
LR16455

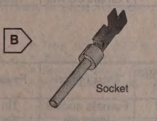
File No.
E28476

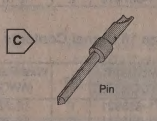
**See Following Page
For Accessories.**

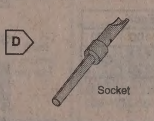
For quantities greater than listed, call for quote.

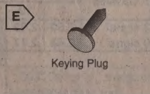
MOUSER STOCK NO.	Fig.	Contact Arrg.	Gender *	Description	Price Each		
					1	10	100
571-2061521	B	17-28	Std.	Free hanging receptacle	4.21	3.89	3.02
571-2058393	C	17-28	Std.	Plug	4.17	3.72	2.96
571-2060381	A	17-28	Rev.	Sq. flange receptacle	3.55	3.17	2.48
571-2060382	B	17-28	Rev.	Free hanging receptacle	4.24	3.77	3.04
571-2060391	C	17-28	Rev.	Plug	4.17	3.72	2.96
571-2064371	C	23-57	Rev.	Plug	5.59	4.98	3.30
571-2058431	A	23-63	Std.	Sq. flange receptacle	5.18	4.61	3.67
571-2058432	B	23-63	Std.	Free hanging receptacle	5.50	4.90	3.89
571-2058421	C	23-63	Std.	Plug	5.54	4.93	3.93

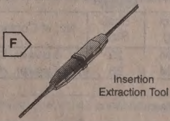


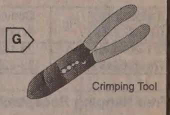












SERIES 2" CPC CIRCULAR PLASTIC CONNECTOR PIN AND SOCKET CONTACTS AND TOOLS

in and Socket Contacts, and Keying Plug

MOUSER STOCK NO.	Fig.	Description	AWG	Type	Price Each			
					1	100	1000	5000
71-665079	A	Pin	28-24	Crimp	.18	.14	.11	Call For Quote
71-665059	B	Socket	28-24	Crimp	.22	.17	.12	
71-665069	A	Pin	24-20	Crimp	.18	.14	.10	
71-665049	B	Socket	24-20	Crimp	.22	.17	.12	
71-665703	C	Pin	18 max	Solder cup	.24	.19	.13	
71-665693	D	Socket	18 max	Solder cup	.30	.23	.16	
71-2065091	E	Keying plug	- - -	- - -	.28	.25	.24	

File No.
E28476

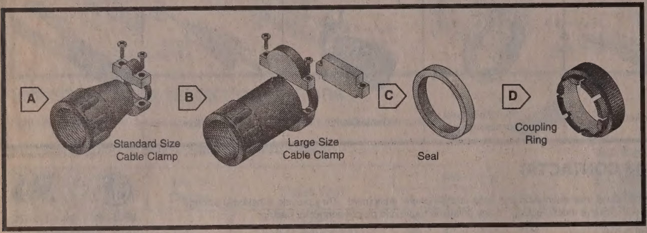
File No.
LR16455

Tools

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
571-910672	F	Insertion/extraction tool	3.36	3.15
571-6018841	G	Crimping tool	47.17	- - -

AMP Circular Connectors

"SERIES 2" CPC CIRCULAR PLASTIC CONNECTOR ACCESSORIES



Standard Size Cable Clamps

MOUSER STOCK NO.	Fig.	Shell Size	Description	Cable O.D. Max	Price Each 1	10	100	500
571-2060621	A	11	Cable clamp	.329	2.44	2.18	1.82	Call For Quote
571-2069661	A	13	Cable clamp	.453	2.48	2.21	1.87	
571-2060701	A	17	Cable clamp	.453	2.50	2.23	1.89	
571-2061381	A	23	Cable clamp	.703	2.54	2.27	1.91	

File No. E28476

File No. LR16455

Connector Housings on Previous Page

Large Size Cable Clamps

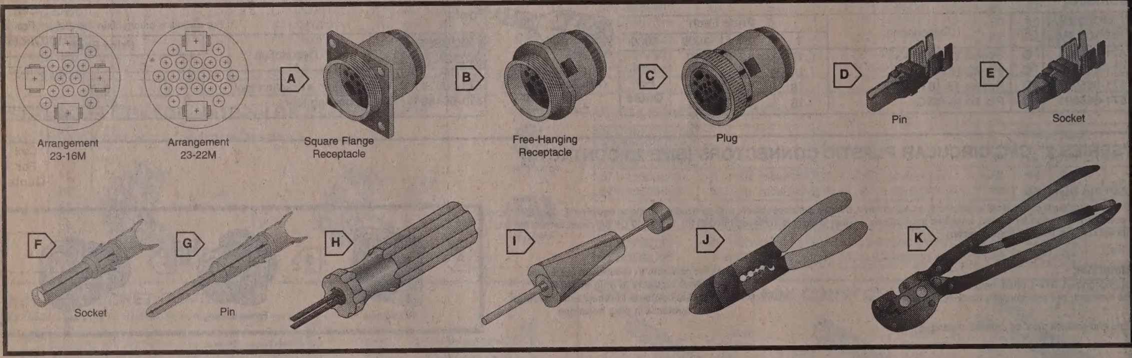
MOUSER STOCK NO.	Fig.	Shell Size	Description	Cable O.D. Max	Price Each 1	10	100	500
571-2063581	B	11	Cable clamp	.453	2.55	2.27	1.91	Call For Quote
571-2070081	B	13	Cable clamp	.703	2.59	2.31	1.93	
571-2063221	B	17	Cable clamp	.703	2.76	2.46	2.09	
571-2065121	B	23	Cable clamp	1.125	3.23	2.93	2.46	

Peripheral Seals (For Receptacles Only)

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each 1	10	100	500
571-2064031	C	11	White neoprene peripheral seal for sealing/splash proof application	.44	.39	.31	Call For Quote
571-2064034	C	13		.60	.59	.46	
571-2064032	C	17		.50	.39	.36	
571-2064033	C	23		.92	.82	.65	

Replacement Coupling Rings

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each 1	10	100	500
571-2060891	D	11	CPC series 2 plug replacement coupling rings	.54	.51	.44	Call For Quote
571-2067071	D	13		.76	.72	.62	
571-2059581	D	17		.61	.57	.51	
571-2062511	D	23		.97	.91	.80	



"SERIES 4" CPC CIRCULAR PLASTIC CONNECTORS

File NO. LR16455

File NO. E28476

AMP CPC connectors are designed for such commercial applications as automotive, aircraft, instrumentation, computer, and peripheral equipment. They offer many advanced design features to assure top quality performance. Series 4 connectors accept size 16 multimate signal contacts and type XII power contacts, thus combining signal circuit capability with power circuit capability, both in a single connector housing.

Features:

- Light-weight, all plastic construction
- UL recognized, CSA certified
- Combined power and signal applications
- Panel or free hanging versions

Square Flange Receptacles

(Uses male pin contacts not included, to order see contacts at right)

MOUSER STOCK NO.	Fig.	Contact Arrang.	Shell Size	No. of Contact Cavities	Price Each 1	10	100	500
571-2074861	A	23-16M	23	4 power, 12 signal	2.50	2.23	1.78	Call
571-2066131	A	23-22M	23	2 power, 20 signal	2.43	2.17	1.73	

Free Hanging Receptacles

(Uses male pin contacts not included, to order see contacts at right)

MOUSER STOCK NO.	Fig.	Contact Arrang.	Shell Size	No. of Contact Cavities	Price Each 1	10	100	500
571-2074862	B	23-16M	23	4 power, 12 signal	3.62	3.22	2.55	Call
571-2066133	B	23-22M	23	2 power, 20 signal	3.29	2.92	2.30	

Standard Gender Plugs

(Uses female socket contacts not included, to order see contacts at right)

MOUSER STOCK NO.	Fig.	Contact Arrang.	Shell Size	No. of Contact Cavities	Price Each 1	10	100	500
571-2074851	C	23-16M	23	4 power, 12 signal	2.79	2.50	1.98	Call
571-2066121	C	23-22M	23	2 power, 20 signal	3.47	3.04	2.46	

Type XII Power Contacts

MOUSER STOCK NO.	Fig.	Wire Range (AWG)	Description	Finish	Price Each 1	100	1000	5000
571-662612	D	12-16	Male pin	Gold	1.90	1.70	1.27	Call For Quote
571-667406	E	12-16	Female socket	Gold	2.35	2.10	1.57	
571-662592	D	8-10	Male pin	Gold	1.94	1.73	1.51	
571-667416	E	8-10	Female socket	Gold	2.44	2.22	2.03	

Size 16 Signal Contacts

MOUSER STOCK NO.	Fig.	Wire Range (AWG)	Description	Finish	Price Each 1	100	1000	5000
571-665921	F	18-22	Female socket	Tin	.17	.13	.12	Call For Quot
571-665911	G	18-22	Male pin	Tin	.14	.12	.11	
571-665901	F	16-18	Female socket	Tin	.18	.14	.12	
571-665891	G	16-18	Male pin	Tin	.16	.12	.11	

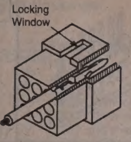
Tools

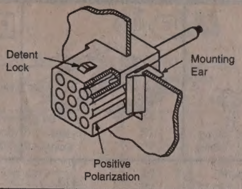
MOUSER STOCK NO.	Fig.	Description	Price Each
571-911241	H	Extraction tool for XII power contacts	20.34
571-305183	I	Extraction tool for size 16 signal contacts	16.73
571-6018841	J	Crimping tool	47.17
571-903822	K	Certi-crimp tool for 12-16 AWG, type XII, power cont.	510.00
571-903841	K	Certi-crimp tool for 8-10 AWG, type XII, power cont.	510.00

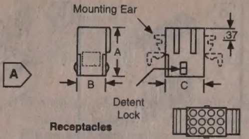
Nylon Connectors

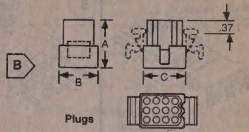
E28476

E28476









AMP PIN AND SOCKET CONNECTORS Standard .093" Terminal Connectors

irectly intermateable/interchangeable with Molex type shown.

hese nylon housing connectors are used throughout the world in appliances, televisions, electronic games, usiness machines and computers. All items are UL recognized (file no. E28476) and CSA listed (file no. R-16455-101). These connectors are totally intermateable/interchangeable (housing for housing; contact or contact; assembly for assembly) with industry standard connectors of the same type. Molex type is hown as an industry reference.

.198 grid spacing
250-volt-per-circuit

eceptacles with Mounting Ears Only

ee **Figure A** for dimensions noted below

MOUSER STOCK NO.	Molex Type	No. of Circuits	Amps/ Circuit	Dimensions (In.)			Price Each			
				A	B	C	1	10	100	500
571-7700851	03-09-1062	6	9	1.00	.73	.536	.51	.33	.22	Call For Quote
571-7700911	03-09-1092	9	9	.97	.73	.77	.61	.40	.27	
571-7700971	03-09-1121	12	7.5	1.00	.737	.975	.65	.42	.29	
571-7701031	03-09-1151	15	7.5	1.00	.635	1.07	1.02	.78	.71	

eceptacles with Detent Lock Only

ee **Figure A** for dimensions noted below

71-7700631	03-09-1011	1	12	1.00	.358	- - -	.25	.09	.06	Call For Quote
71-7700651	03-09-1022	2	12	1.00	.35	.639	.29	.19	.13	
71-7700701	03-09-1032	3	12	.97	.34	.77	.34	.22	.15	
71-7700751	03-09-1042	4	9	1.00	.338	.971	.39	.25	.18	
71-7700831	03-09-1052	5	9	.969	.338	1.169	.56	.36	.26	Call For Quote
71-7700861	03-09-1064	6	9	1.00	.733	.536	.49	.32	.21	
71-7700981	03-09-1126	12	9	.97	.73	.77	.65	.42	.29	

eceptacles with Mounting Ears and Detent Lock

ee **Figure A** for dimensions noted below

MOUSER STOCK NO.	Molex Type	No. of Circuits	Amps/ Circuit	Dimensions (In.)			Price Each			
				A	B	C	1	10	100	500
71-7700661	03-09-1021	2	12	1.00	.352	.639	.30	.19	.14	Call For Quote
71-7700711	03-09-1031	3	12	.97	.34	.77	.36	.23	.16	
71-7700761	03-09-1041	4	9	1.00	.338	.971	.39	.25	.18	
71-7700871	03-09-1061	6	9	1.00	.733	.536	.51	.33	.22	

Receptacles without Mounting Ears or Detent Lock

See **Figure A** for dimensions noted below

MOUSER STOCK NO.	Molex Type	No. of Circuits	Amps/ Circuit	Dimensions (In.)			Price Each			
				A	B	C	1	10	100	500
571-7700671	03-09-1023	2	12	1.00	.352	.639	.25	.11	.08	Call For Quote
571-7700721	03-09-1033	3	12	.97	.34	.77	.33	.21	.15	
571-7700881	03-09-1063	6	9	1.00	.733	.536	.49	.32	.21	
571-7700941	03-09-1093	9	9	.97	.73	.77	.65	.42	.29	
571-7701001	03-09-1122	12	7.5	1.00	.737	.975	.65	.42	.29	
571-7701051	03-09-1152	15	7.5	1.00	.635	1.07	1.02	.78	.71	

Plugs with Mounting Ears

See **Figure B** for dimensions noted below

571-7700681	03-09-2021	2	12	1.00	.352	.639	.33	.22	.16	Call For Quote
571-7700731	03-09-2031	3	12	.97	.34	.77	.35	.23	.16	
571-7700771	03-09-2041	4	9	1.00	.338	.971	.38	.24	.17	
571-7700891	03-09-2061	6	9	1.00	.733	.536	.49	.32	.21	
571-7701061	03-09-2152	15	7.5	1.00	.734	1.169	.73	.48	.35	

Plugs without Mounting Ears

See **Figure B** for dimensions noted below

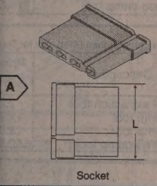
571-7700641	03-09-2011	1	12	1.00	.358	- - -	.25	.11	.08	Call For Quote
571-7700691	03-09-2022	2	12	1.00	.352	.639	.27	.18	.12	
571-7700741	03-09-2032	3	12	.97	.34	.77	.33	.22	.15	
571-7700781	03-09-2042	4	9	1.00	.338	.971	.38	.24	.17	
571-7700901	03-09-2062	6	9	1.00	.733	.536	.49	.32	.21	
571-7700961	03-09-2092	9	9	.97	.73	.77	.56	.37	.25	
571-7701021	03-09-2121	12	7.5	1.00	.737	.975	.63	.41	.29	
571-7701071	03-09-2153	15	7.5	1.00	.734	1.169	.82	.53	.37	

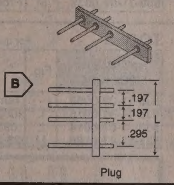
Pin and Socket Contact (Use 571-6018841 crimp tool)

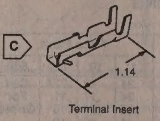
For use with standard .093" terminal housing

MOUSER STOCK NO.	Molex Type	Style	Wire Size (AWG)	Finish and Materials	Price Each			
					2	100	500	1000
571-7701451	02-09-2103	Pin	14-20	Tin over brass	.15	.06	.05	Call For Quote
571-7701471	02-09-2118	Pin	18-24	Tin over brass	.15	.06	.05	
571-7701441	02-09-1104	Socket	14-20	Tin over brass	.15	.06	.05	
571-7701461	02-09-1119	Socket	18-24	Tin over brass	.15	.06	.05	

DIMENSIONS (IN.)







INIATURE NYLON POLARITY CONNECTORS .197" Contact Spacing

terminals are easily removed from housing for circuit changes and reinserted.

pecifications:

Contact resistance: 5mΩ max.
Insulation resistance: 1000MΩ min.
Current rating: 5 amp. max.
Breakdown voltage: 1000VAC, 1 min.

- Temp. rating: -20°C to +80°C
- Material: nylon 66
- Socket UL 94V-2, plug UL 94V-0
- Pin: tin-plated brass

*Terminal insert Mouser Stock No. 15NT002 must be ordered separately. (not included with connector.)

onnectors

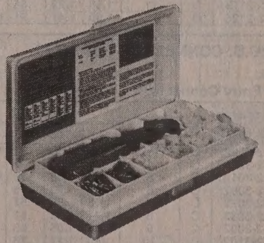
MOUSER STOCK NO.	Fig.	Dimension L (In.)	Description	Price Each			
				1	10	100	500
5NF002	A	.54	2 pin socket	.10	.08	.072	Call For Quote
5NM002	B	.49	2 pin plug	.10	.08	.072	
5NF004	A	.94	4 pin socket	.19	.15	.14	
5NM004	B	.89	4 pin plug	.19	.15	.14	
5NF006	A	1.33	6 pin socket	.24	.20	.18	
5NM006	B	1.28	6 pin plug	.24	.20	.18	

rminal Insert

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
5NT002	C	Terminal, accepts 26-20 AWG wire	.19	.058	.053	Call

molex® waldom

DESIGNER/SERVICE KITS



Nylon Connector Designer/Service Kits

- Choice of .093" or .062" terminal sizes

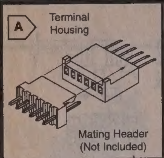
MOUSER STOCK NO.	Description	Price Each
538-WM-50	.093" terminal, designers/service kit, 45 connectors, crimp tool and extraction tool	39.95
538-WM-72	.062" miniature terminal, designer kit, 56 connectors, crimp tool and extraction tool	39.95

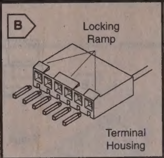
K.K. Series Designer/Service Kits

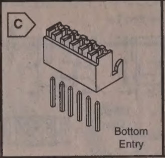
- Two sizes of kits. Select one for your project or both for more flexibility.
- Excellent for the design engineer.
- A prototyping must
- Kits not illustrated

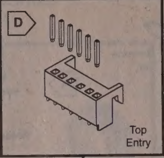
538-KK-156	.156" terminal, designers/service kit, 96 connectors, crimp tool and extraction tool	39.95
538-KK-100	.100" terminal, designers/service kit, 82 connectors, crimp tool and extraction tool	39.95

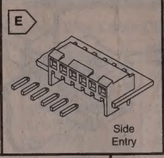
K.K.® Series

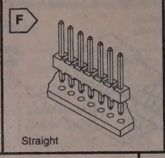


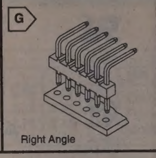


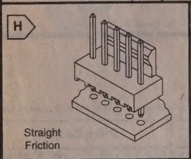


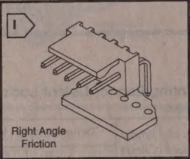


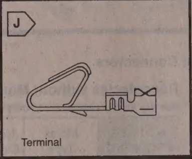


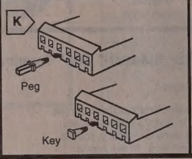


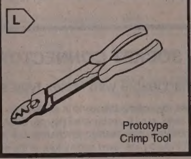


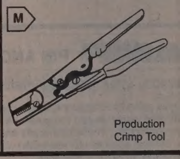












.100" TERMINAL HOUSING

- With locking ramp
- 94V-0 nylon

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
538-22-01-3027	A	2	.24	.12	.08	Call
538-22-01-3037	A	3	.36	.18	.12	For
538-22-01-3047	A	4	.40	.24	.16	Quote
538-22-01-3057	A	5	.45	.30	.20	
538-22-01-3067	A	6	.54	.36	.23	
538-22-01-3077	A	7	.63	.42	.27	
538-22-01-3087	A	8	.72	.48	.31	
538-22-01-3097	A	9	.74	.54	.35	
538-22-01-3107	A	10	.78	.60	.39	Call
538-22-01-3117	A	11	.86	.66	.43	For
538-22-01-3127	A	12	.94	.72	.47	Quote

.100" P.C.B. CONNECTOR HEADERS

Bottom Entry

- Tin plated
- 94V-0 nylon

538-22-14-2024	C	2	.38	.25	.16	Call
538-22-14-2034	C	3	.56	.37	.24	For
538-22-14-2044	C	4	.74	.49	.32	Quote
538-22-14-2054	C	5	.81	.62	.40	
538-22-14-2064	C	6	.96	.74	.48	
538-22-14-2074	C	7	1.12	.86	.56	
538-22-14-2084	C	8	1.27	.98	.64	
538-22-14-2094	C	9	1.33	1.11	.72	Call
538-22-14-2114	C	11	1.62	1.35	.88	For
538-22-14-2124	C	12	1.78	1.48	.96	Quote

Top Entry

538-22-02-2025	D	2	.35	.23	.15	Call
538-22-02-2035	D	3	.53	.35	.23	For
538-22-02-2045	D	4	.71	.47	.30	Quote
538-22-02-2055	D	5	.77	.59	.38	
538-22-02-2065	D	6	.91	.70	.46	
538-22-02-2075	D	7	1.07	.82	.53	
538-22-02-2085	D	8	1.22	.94	.61	
538-22-02-2095	D	9	1.26	1.05	.69	
538-22-02-2105	D	10	1.40	1.17	.76	Call
538-22-02-2115	D	11	1.55	1.29	.84	For
538-22-02-2125	D	12	1.69	1.41	.91	Quote

.100" HEADERS

Straight

- .025" square pins
- 94V-0 nylon

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
538-22-03-2021	F	2	.30	.15	.10	Call
538-22-03-2031	F	3	.35	.23	.15	For
538-22-03-2041	F	4	.47	.31	.20	Quote
538-22-03-2051	F	5	.59	.39	.25	
538-22-03-2061	F	6	.69	.46	.30	
538-22-03-2071	F	7	.70	.54	.35	
538-22-03-2081	F	8	.71	.55	.36	
538-22-03-2091	F	9	.79	.61	.40	
538-22-03-2101	F	10	.81	.62	.41	Call
538-22-03-2111	F	11	.88	.68	.44	For
538-22-03-2121	F	12	.96	.74	.48	Quote

Right Angle

538-22-05-2021	G	2	.34	.17	.11	Call
538-22-05-2031	G	3	.39	.26	.17	For
538-22-05-2041	G	4	.51	.34	.32	Quote
538-22-05-2051	G	5	.65	.43	.28	
538-22-05-2061	G	6	.67	.52	.34	
538-22-05-2071	G	7	.78	.60	.39	
538-22-05-2081	G	8	.90	.69	.45	
538-22-05-2091	G	9	1.00	.77	.50	
538-22-05-2101	G	10	1.01	.78	.51	Call
538-22-05-2111	G	11	1.12	.86	.56	For
538-22-05-2121	G	12	1.22	.94	.61	Quote

Straight Friction Lock

538-22-23-2021	H	2	.35	.23	.15	Call
538-22-23-2031	H	3	.53	.35	.23	For
538-22-23-2041	H	4	.57	.38	.25	Quote
538-22-23-2051	H	5	.72	.48	.31	
538-22-23-2061	H	6	.74	.50	.33	
538-22-23-2071	H	7	.76	.53	.34	
538-22-23-2081	H	8	.78	.60	.39	
538-22-23-2091	H	9	.88	.68	.44	
538-22-23-2101	H	10	.89	.69	.45	Call
538-22-23-2111	H	11	.98	.75	.49	For
538-22-23-2121	H	12	1.07	.82	.53	Quote

.100" HEADERS

Right Angle Friction Lock

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
538-22-05-3021	I	2	.72	.48	.32	Call
538-22-05-3031	I	3	.76	.55	.36	For
538-22-05-3041	I	4	.81	.62	.40	Quot
538-22-05-3051	I	5	.88	.68	.44	
538-22-05-3061	I	6	.99	.76	.49	
538-22-05-3071	I	7	1.14	.88	.57	
538-22-05-3081	I	8	1.20	.92	.60	
538-22-05-3091	I	9	1.25	.96	.62	
538-22-05-3101	I	10	1.26	.97	.63	Call
538-22-05-3111	I	11	1.28	1.07	.69	For
538-22-05-3121	I	12	1.31	1.09	.71	Quot

.100" CRIMP TERMINALS

- Tin plated

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	100	50
538-08-50-0114	J	30-22 AWG	.12	.07	.0

POLARIZING KEYS AND PEGS

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	10
538-15-04-9209	K	.100" center key	.20	.10	.0
538-15-04-9210	K	.100" center peg	.20	.10	.0

TOOLS

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Description	Pric Eac
538-11-03-0003	- - -	Term. extraction tool	2.2
538-11-01-0015	L	Prototype crimp tool	12.9
538-11-01-0037	M	Production crimp tool	119.5

.156" P.C.B. CONNECTOR HEADERS

- Tin plated
- 94V-2 nylon

Bottom Entry Connectors

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
538-09-52-3032	C	3	.53	.35	.23	Call
538-09-52-3042	C	4	.71	.47	.30	For
538-09-52-3052	C	5	.75	.58	.38	Quote
538-09-52-3062	C	6	.91	.70	.46	
538-09-52-3072	C	7	1.13	.87	.57	
538-09-52-3082	C	8	1.21	.93	.61	
538-09-52-3092	C	9	1.26	1.05	.68	Call
538-09-52-3102	C	10	1.40	1.17	.76	For
538-09-52-3122	C	12	1.68	1.40	.91	Quote

Top Entry Connectors

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
538-09-52-3033	D	3	.50	.33	.22	Call
538-09-52-3043	D	4	.68	.45	.29	For
538-09-52-3053	D	5	.73	.56	.36	Quote
538-09-52-3063	D	6	.87	.67	.43	
538-09-52-3073	D	7	1.01	.78	.51	
538-09-52-3083	D	8	1.16	.89	.58	
538-09-52-3093	D	9	1.20	1.00	.65	Call
538-09-52-3103	D	10	1.33	1.11	.72	For
538-09-52-3123	D	12	1.60	1.33	.87	Quote

Side Entry Connectors

538-09-52-3031	E	3	.50	.33	.22	Call
538-09-52-3051	E	5	.73	.56	.36	For
538-09-52-3061	E	6	.87	.67	.43	Quote
538-09-52-3081	E	8	1.16	.89	.58	
538-09-52-3091	E	9	1.20	1.00	.65	Call
538-09-52-3101	E	10	1.33	1.11	.72	For
538-09-52-3121	E	12	1.60	1.33	.87	Quote

.156" TERMINAL HOUSING

- With locking ramp
- 94V-2 nylon

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
538-09-50-3021	B	2	.24	.12	.074	Call
538-09-50-3031	B	3	.34	.17	.11	For
538-09-50-3041	B	4	.35	.23	.15	Quote
538-09-50-3051	B	5	.44	.29	.19	
538-09-50-3061	B	6	.51	.34	.22	
538-09-50-3071	B	7	.60	.40	.26	
538-09-50-3081	B	8	.69	.46	.30	
538-09-50-3091	B	9	.72	.51	.33	
538-09-50-3101	B	10	.74	.57	.37	Call
538-09-50-3111	B	11	.82	.63	.41	For
538-09-50-3121	B	12	.88	.68	.44	Quote

- Without locking ramp
- 94V-2 nylon

538-09-50-7021	B	2	.24	.12	.074	Call For Quote
538-09-50-7031	B	3	.34	.17	.111	
538-09-50-7041	B	4	.46	.23	.148	
538-09-50-7051	B	5	.49	.29	.185	
538-09-50-7061	B	6	.51	.34	.222	
538-09-50-7101	B	10	.86	.57	.37	

.156" CRIMP TERMINALS

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	100	500
538-08-50-0106	J	24-18 AWG	.10	.06	.05
538-08-50-0108	J	26-22 AWG	.10	.06	.05

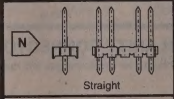
POLARIZING KEYS AND PEGS

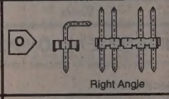
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
538-15-04-0219	K	.156" center key	.26	.13	.09
538-15-04-0220	K	.156" center peg	.26	.13	.09

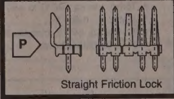
TOOLS

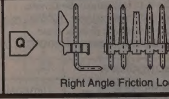
For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Description	Pric Eac
538-11-03-0003	- - -	Terminal extraction tool	2.2
538-11-01-0015	L	.062" crimp tool	12.9
538-11-01-0014	L	.093" crimp tool	12.9
538-11-01-0026	M	26-22 AWG crimp tool	152.5









24 CIRCUIT BREAKAWAY HEADERS

Available in 24 circuit sticks designed to be broken to the desired sizes(s) for your specific requirement. 2-23 circuit, cut to length sizes, are available in production quantities.

- UL94V-0 nylon
- Tin plated
- .045" square pins

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	10
538-26-48-1241	N	Straight	1.17	.90	.
538-26-48-1242	O	Right angle	1.27	.98	.
538-26-48-1245	P	St. friction lock	1.36	1.13	.
538-26-48-1246	Q	R/A friction lock	1.66	1.38	.

IN AND SOCKET CONNECTORS

tandard .093" Terminal Housings

lugs

With detent locking window • .198" grid spacing For quantities greater than listed, call for quote.

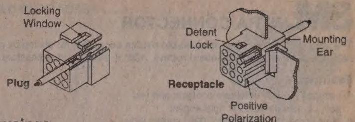
MOUSER STOCK NO.	No. of Circuits	Current Max (A)	Volts Max (V)	Description	Price Each 1	10	100
38-03-09-2011	1	12	250	Without mounting ears	.34	.17	.11
38-03-09-2014	1	12	5000	Without mounting ears (a)	.51	.34	.22
38-03-09-2021	2	12	250	With mounting ears (b)	.47	.31	.20
38-03-09-2028	2	12	600	Without mounting ears (b) (c)	.69	.53	.34
38-03-09-2031	3	12	250	With mounting ears	.59	.39	.26
38-03-09-2038	3	12	600	Without mounting ears (b) (c)	.82	.63	.41
38-03-09-2040	4	9	250	With mounting ears (d)	.74	.49	.32
38-03-09-2041	4	9	250	With mounting ears (e)	.56	.37	.24
38-03-09-2048	4	9	600	Without mounting ears (b) (c)	.85	.65	.42
38-03-09-2052	5	9	250	Without mounting ears	.68	.52	.34
38-03-09-2061	6	9	250	With mounting ears	.74	.57	.37
38-03-09-2091	9	9	250	With mounting ears	.78	.60	.39
38-03-09-2122	12	7.5	250	With mounting ears	.86	.66	.43
38-03-09-2152	15	7.5	250	With mounting ears	1.07	.82	.53

eceptacles

With detent lock • .198" grid spacing For quantities greater than listed, call for quote.

38-03-09-1011	1	12	250	Without mounting ears (a)	.26	.13	.09
38-03-09-1014	1	12	5000	Without mounting ears	.38	.25	.16
38-03-09-1027	2	12	250	With mounting ears (b)	.44	.29	.19
38-03-09-1028	2	12	600	Without mounting ears (b) (c)	.72	.48	.31
38-03-09-1031	3	12	250	With mounting ears	.68	.45	.29
38-03-09-1038	3	12	600	Without mounting ears (b) (c)	.69	.53	.35
38-03-09-1040	4	9	250	With mounting ears (d)	.68	.45	.30
38-03-09-1041	4	9	250	With mounting ears (e)	.59	.39	.25
38-03-09-1047	4	9	600	Without mounting ears (b) (c)	.79	.61	.40
38-03-09-1049	4	9	250	Without mounting ears	1.07	.82	.53
38-03-09-1052	5	9	250	Without mounting ears	.77	.59	.38
38-03-09-1057	5	9	250	Without mounting ears (c)	.73	.56	.36
38-03-09-1061	6	9	250	With mounting ears	.72	.48	.31
38-03-09-1091	9	9	250	With mounting ears	.75	.58	.38
38-03-09-1125	12	7.5	250	With mounting ears	.82	.63	.41
38-03-09-1151	15	7.5	250	W/ mounting ears, w/o detent	1.17	.90	.58

(a) = Not UL approved
(b) = .248" grid spacing
(c) = Has positive lock
rather than detent lock
(d) = Square grid pattern
(e) = In-line pattern



Miniature .062" Terminal Housings

- Standard natural color
- 5 amp current rating
- UL/CSA Certification
- 94V-2 nylon

Plugs with Mounting Ears and Detent Window

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Circuits	Price Each 1	10	100
538-03-06-2024	2	.39	.26	.17
538-03-06-2033	3	.47	.31	.20
538-03-06-2041	4 (e)	.69	.46	.30
538-03-06-2043	4 (d)	.72	.48	.32
538-03-06-2054	5	.72	.48	.31
538-03-06-2062	6	.65	.43	.28
538-03-06-2091	9	.66	.44	.29
538-03-06-2121	12	.74	.50	.32
538-03-06-2151	15	.91	.72	.46
538-03-06-2241	24	1.32	1.10	.71

Receptacles with Mounting Ears and Detent

For quantities greater than listed, call for quote.

538-03-06-1022	2	.45	.30	.19
538-03-06-1031	3	.50	.33	.21
538-03-06-1041	4 (e)	.74	.49	.32
538-03-06-1043	4 (d)	.74	.49	.32
538-03-06-1055	5	.78	.60	.39
538-03-06-1061	6	.69	.46	.30
538-03-06-1081	8	1.04	.80	.52
538-03-06-1091	9	.71	.50	.32
538-03-06-1121	12	.73	.56	.37
538-03-06-1151	15	1.11	.85	.55
538-03-06-1241	24	1.31	1.09	.71

Plugs with Detent Window

For quantities greater than listed, call for quote.

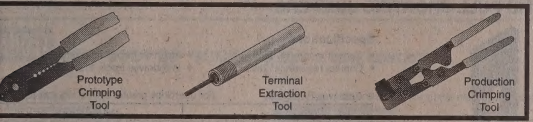
MOUSER STOCK NO.	No. of Circuits	Price Each 1	10	100
538-03-06-2011	1	.32	.16	.10
538-03-06-2023	2	.39	.26	.17
538-03-06-2032	3	.47	.31	.20
538-03-06-2042	4 (e)	.69	.46	.30
538-03-06-2044	4 (d)	.72	.48	.31
538-03-06-2055	5	.72	.48	.31
538-03-06-2061	6	.64	.43	.28
538-03-06-2092	9	.66	.44	.29
538-03-06-2122	12	.75	.50	.32
538-03-06-2152	15	.94	.72	.46
538-03-06-2242	24	1.32	1.10	.71

Receptacles with Detent

For quantities greater than listed, call for quote.

538-03-06-1011	1	.28	.14	.09
538-03-06-1023	2	.45	.30	.19
538-03-06-1032	3	.50	.33	.21
538-03-06-1042	4 (e)	.74	.49	.31
538-03-06-1044	4 (d)	.72	.48	.31
538-03-06-1056	5	.78	.60	.39
538-03-06-1062	6	.60	.46	.30
538-03-06-1092	9	.75	.50	.32
538-03-06-1122	12	.73	.56	.36
538-03-06-1152	15	1.11	.85	.55

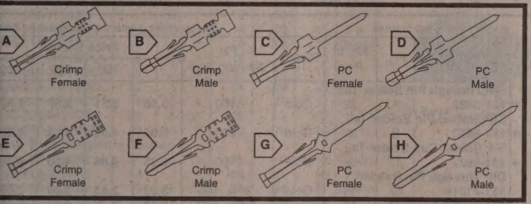
RIMPING AND EXTRACTION TOOLS For use with .093" and .062" terminals



MOUSER STOCK NO.	Type	Description	Price Each
538-11-01-0014	HT-1919	.093" prototype crimping tool	12.95
538-11-01-0084	HTR-1031E	.093" production crimping tool	128.40
538-11-01-0008	HTR-1719C	.062" production crimping tool	154.00
538-11-01-0015	HT-1921	.062" prototype crimping tool	12.95
538-11-01-0037	HTR-2262A	.062" production crimping tool	119.54
538-11-03-0006	HT-2038	.093" terminal extraction tool	9.95
538-11-03-0002	HTR-2285	.062" terminal extraction tool	9.95

ERMINALS For use with .093" and .062" diameter terminal housings

High voltage test: 1500V RMS applied between adjacent terminals for 60 seconds
Current rating: up to 12 amps for .093", 5 amps for .062" • Plating: tin over brass



.093" Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Crimp Tool		Wire AWG	Price Each		
		Prototype	Production		1	100	500
538-02-09-1104	A	538-11-01-0014	538-11-01-0084	20-14	.16	.08	.07
538-02-09-2103	B	538-11-01-0014	538-11-01-0084	20-14	.16	.08	.07
538-02-09-1119	A	538-11-01-0014	538-11-01-0084	22-18	.16	.08	.07
538-02-09-2118	B	538-11-01-0014	538-11-01-0084	22-18	.16	.08	.07
538-02-09-1134	C	N/A	N/A	N/A	.24	.12	.11
538-02-09-2134	D	N/A	N/A	N/A	.24	.12	.11

.062" Size

For quantities greater than listed, call for quote.

538-02-06-1103	E	538-11-01-0015	538-11-01-0008	30-18	.15	.08	.07
538-02-06-2103	F	538-11-01-0015	538-11-01-0008	30-18	.15	.08	.07
538-02-06-1132	E	538-11-01-0015	538-11-01-0037	30-24	.15	.08	.07
538-02-06-2132	F	538-11-01-0015	538-11-01-0037	30-24	.15	.08	.07
538-02-06-7103	G	N/A	N/A	N/A	.23	.12	.11
538-02-06-8103	H	N/A	N/A	N/A	.23	.12	.11

INI-FIT JR. CONNECTORS Nylon High Current / High Density Power Connectors

ecifications:

- Terminal material: tin over brass
- Current: up to 9 amps
- Contact resistance: 10 mΩ
- Insulation resistance: 1000 mΩ

Features:

- Audible mating click\
- .165" grid spacing

male Terminal Housings

epts 538-39-00-0039 or 538-39-00-0047 terminals

MOUSER STOCK NO.	Fig.	No. of Cir.	Price Each 1	10	100
8-39-01-2020	A	2	.59	.39	.25
8-39-01-2040	A	4	.69	.46	.30
8-39-01-2060	A	6	.72	.55	.36
8-39-01-2080	A	8	.82	.63	.41
8-39-01-2100	A	10	.91	.70	.46
8-39-01-2120	A	12	.98	.75	.49
8-39-01-2140	A	14	1.25	.96	.62
8-39-01-2160	A	16	1.40	1.17	.76

le Terminal Housings

epts 538-39-00-0041 or 538-39-00-0049 terminals

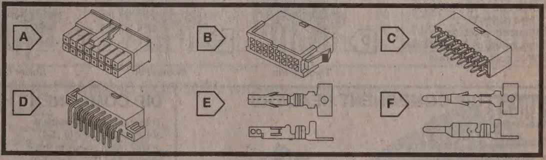
8-39-01-2021	B	2	.62	.41	.26
8-39-01-2041	B	4	.68	.45	.29
8-39-01-2061	B	6	.69	.53	.34
8-39-01-2081	B	8	.74	.57	.37
8-39-01-2101	B	10	.82	.63	.41
8-39-01-2121	B	12	.87	.67	.43
8-39-01-2141	B	14	1.17	.90	.58
8-39-01-2161	B	16	1.39	1.16	.76

PCB Straight Header Assembly

MOUSER STOCK NO.	Fig.	No. of Cir.	Price Each 1	10	100
538-39-28-1023	C	2	1.03	.79	.51
538-39-28-1043	C	4	1.31	1.09	.71
538-39-28-1063	C	6	1.67	1.39	.90
538-39-28-1083	C	8	2.02	1.68	1.09
538-39-28-1103	C	10	2.36	1.97	1.28
538-39-28-1123	C	12	2.71	2.26	1.46
538-39-28-1143	C	14	3.06	2.55	1.66
538-39-28-1163	C	16	3.41	2.84	1.85

PCB Right Angle Header with Mounting Flange

538-39-29-1028	D	2	1.15	.96	.62
538-39-29-1048	D	4	1.58	1.32	.85
538-39-29-1068	D	6	1.99	1.66	1.08
538-39-29-1088	D	8	2.44	2.03	1.32
538-39-29-1108	D	10	2.86	2.38	1.54
538-39-29-1128	D	12	3.29	2.74	1.78
538-39-29-1148	D	14	3.71	3.09	2.01
538-39-29-1168	D	16	4.13	3.44	2.24



Wire-to-wire and wire-to-board versions. The mated length of the wire-to-wire version is less than 1 3/8" while the wire-to-board version is less than 15/16". Despite it's small size it can handle the I/O currents of most standard equipment. For quantities greater than listed, call for quote.

Terminals

MOUSER STOCK NO.	Fig.	Type	Wire AWG	Description	Price Each 1	100	500	1000
538-39-00-0039	E	Female	24-18	Terminal	.21	.10	.09	.078
538-39-00-0041	F	Male	24-18	Terminal	.21	.10	.09	.078
538-39-00-0047	E	Female	28-22	Terminal	.21	.10	.09	.078
538-39-00-0049	F	Male	28-22	Terminal	.21	.10	.09	.078

TOOLS

MOUSER STOCK NO.	Description	Price Each
538-11-03-0038	Mini-fit jr. terminal extraction tool	25.61
538-11-01-0014	24-18 AWG prototype crimp tool	12.95
538-11-01-0015	26-22 AWG prototype crimp tool	12.95

Connectors, Switches, Plugs, Jumpers, and Headers

3M INTRA-CONNECTOR

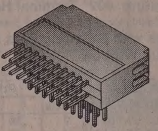
The Intra-Connector makes inaccessible circuits accessible for testing by providing probe pins in-line between ribbon cable sockets and standard mating. .100" x .100" board connectors.

Features:

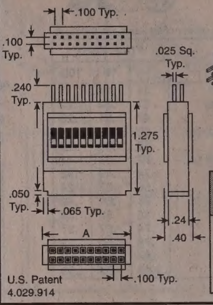
- Includes one set of female contacts and two sets of male contacts at right angles
- Male contacts are standard .025" square pins

For quantities greater than listed, call for quote.

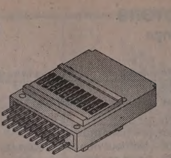
MOUSER STOCK NO.	No. of Contacts	Price Each		
		1	25	100
517-922576-20	20	8.45	7.77	7.35
517-922576-26	26	9.75	8.97	8.48
517-922576-34	34	11.35	10.44	9.87
517-922576-40	40	12.65	11.64	10.99
517-922576-50	50	14.75	13.57	12.83
517-922576-60	60	16.45	15.13	14.31



3M INTRA-SWITCH



U.S. Patent 4.029.914



Inserting the Intra Switch connector betwee mating system connectors, you have instan line-by-line switching. Applications include switching command signals to or from test equipment and programming optional prese logic functions.

Features:

- "Open" and "closed" position indicators are molded-in for easy identification
- Contacts are non-corrosive alloy 770

For quantities greater than listed, call for quote

MOUSER STOCK NO.	No. of Contacts	Dim. "A"	Price Each		
			1	25	100
517-922578-20	20	1.16	12.70	11.68	11.05
517-922578-26	26	1.46	14.60	13.43	12.57
517-922578-34	34	1.86	17.00	15.64	14.79
517-922578-40	40	2.16	18.90	17.39	16.44
517-922578-50	50	2.66	22.10	20.33	19.23

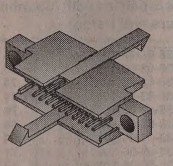
AUGAT CROSSOVER HEADERS, FEMALE TO FEMALE

Specifications:

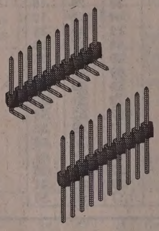
- Insulator is glass filled polyester
- Contacts are nickel-silver alloy 770
- Standard .025" contact
- Reinforced thermoplastic latches

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Price Each		
		1	100	500
506-110-20003-201	20	21.12	19.20	17.55
506-110-26003-201	26	23.14	21.04	19.24
506-110-34003-201	34	24.26	22.05	20.16
506-110-40003-201	40	28.89	26.26	24.00
506-110-50003-201	50	33.65	30.59	27.97



STRIP LINE PLUGS



Features:

- Post material: phosphor bronze, gold plate over nickel
- Insulator: glass filled nylon, black, UL94V-0
- Side notches for ease of breaking into any number of contacts
- .100" spacing (.1" x .1" dual row)

Right Angle PC

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Total Positions	Price Each		
		1	50	100
544-CA-S36RSP100	36 single row	3.39	2.80	2.34
544-CA-D72RSP100	72 dual row	6.77	5.59	4.67

Straight PC

For quantities greater than listed, call for quot

544-CA-S36SP100	36 single row	2.11	1.77	1.61
544-CA-D72SP100	72 dual row	4.21	3.75	3.21

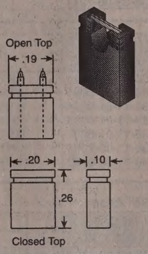
SHORTING JUMPERS

Features:

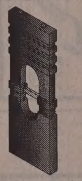
- Fits all standard .100" space headers
- Low insertion and withdrawal forces
- Nail grip for easy removal
- Gold plated
- Open-ended option permits stacking and probe testing
- Operating temperature: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Open/ Closed Top	Price Each			
			1	100	500	1000
151-8000	Black	Open	.24	.19	.17	.15
151-8001	Blue	Open	.24	.19	.17	.15
151-8003	Red	Open	.24	.19	.17	.15
151-8010	Black	Closed	.24	.19	.17	.15
151-8011	Blue	Closed	.24	.19	.17	.15
151-8013	Red	Closed	.24	.19	.17	.15



THUMB PULL SHORTING JUMPERS



Specifications

- Current rating: 3.0 amp
- Contact resistance: 7mΩ
- Insertion force: 80 grams
- Withdrawal force: 112 grams
- Gold plated contacts

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Color	Price Each			
		1	100	500	1000
151-8030	Black	.35	.23	.21	.19
151-8031	Blue	.35	.23	.21	.19
151-8033	Red	.35	.23	.21	.19

COMPONENT HEADERS

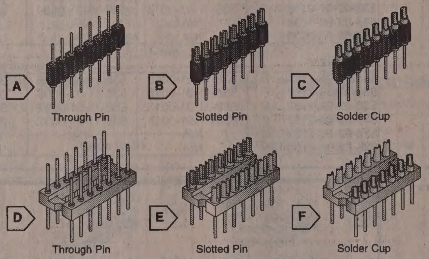
Component headers allow discrete components to be assembled to a standard SIP/DIP base. It then can be plugged into a socket or soldered directly to a PC board.

Specifications:

- Current rating: 3 amp
- Temperature range: -55°C to +125°C
- Flammability rating: UL94V-0

Materials:

- Insulator: PBT 30% glass filled polyester
- Contact: precision machined, gold plated brass
- Pin: gold plated brass



✻ With break-a-way features

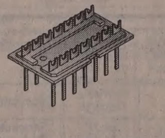
For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	No. of Pins	Plating	Pin Spacing (In.)	Price Each			
					1	100	500	1000
SIP Through Pin Solder Tail								
✻ 151-8432	A	32	Gold	.100	3.66	3.31	2.87	2.59
SIP Slotted Pin Solder Tail								
✻ 151-8532	B	32	Gold	.100	5.00	4.53	3.93	3.53
SIP Solder Cup Solder Tail								
✻ 151-8632	C	32	Gold	.100	5.35	4.84	4.20	3.78
DIP Through Pin Header								
151-71314	D	14	Gold	.30 x .100	3.22	2.53	2.30	2.07
151-71316	D	16	Gold	.30 x .100	3.68	2.90	2.63	2.37
DIP Slotted Pin Header								
151-72314	E	14	Gold	.30 x .100	3.22	2.61	2.37	2.14
151-72316	E	16	Gold	.30 x .100	3.68	2.90	2.63	2.37
DIP Solder Cup Header								
151-73314	F	14	Gold	.30 x .100	3.22	2.53	2.30	2.07
151-73316	F	16	Gold	.30 x .100	3.68	2.90	2.63	2.37

AUGAT DIP COMPONENT HEADERS

Features:

- Thermoplastic polyester insulator, UL rated 94V-0
- Phosphor bronze pins, gold or tin plated
- Pin spacing: .300" x .100"



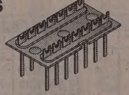
MEETS MIL SPECS™

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Contact Plating	No. of Pins	Price Each		
			1	100	500
506-614-DG6	Tin	14	1.48	1.37	1.16
506-616-DG6	Tin	16	1.69	1.57	1.32
506-628-CG2T	Tin	28	5.63	5.12	4.66
506-614-DG5	Gold	14	1.75	1.63	1.38
506-616-DG5	Gold	16	2.00	1.86	1.57

DIP COMPONENT HEADERS

These component headers are available without (T-1) or with nylon covers in three heights, low (T-2) , tall (T-3) and very tall (T-4), to meet your specific requirement.



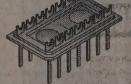
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Cover Height (In.)	Price Each			
			1	100	500	1000
151-314T1	14	W/O	.75	.51	.46	.41
151-316T1	16	W/O	.83	.55	.51	.46
151-624T1	24	W/O	1.27	.98	.89	.81
151-314T2	14	.20	.79	.53	.48	.44
151-316T2	16	.20	.78	.60	.54	.49
151-624T2	24	.30	1.24	.95	.86	.78
151-314T3	14	.41	.78	.60	.54	.49
151-316T3	16	.41	.86	.67	.61	.55
151-624T3	24	.61	1.30	1.00	.91	.83
151-624T4	24	.88	1.36	1.05	.95	.86

CA DIP COMPONENT HEADERS

Specifications:

- Current rating: 1 amp
- Temperature range: -65°C to +125°C
- Contacts: gold or tin plated brass



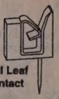
Tin Plated Contacts For quantities greater than listed, call for quo

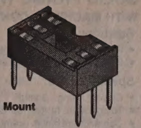
MOUSER STOCK NO.	Total Positions	Price Each		
		1	25	100
544-14PT-02	14	.68	.65	.54
544-16PT-02	16	.73	.69	.5
544-24PT-02	24	1.15	1.09	.9
Gold Plated Contacts				
544-16P-02	16	1.05	.99	.7
IDC Connector				
544-CA-14-IDP	14	1.06	.90	.8

DUAL LEAF IC SOCKETS

Features:
- End and side XY stackable for maximum use of PC board space
- Contact angles 35° to prevent IC leg from going behind the contact

Specifications:
- Current rating: 1.0 amp
- Contact material: phosphor bronze
- Molding material: glass-reinforced polyester
- Flammability rating: UL 94V-0
- Insulation resistance: 100GΩ


Dual Leaf Contact


PC Mount

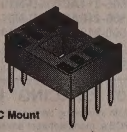
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Body Width (In.)	Row to Row (In.)	Max Body Length (In.)	Price Each 1	100	500	1000
Tin Plated Contacts								
151-9006	6	.40	.30	.295	.12	.06	.053	.045
151-9008	8	.40	.30	.395	.20	.10	.084	.07
151-9014	14	.40	.30	.695	.32	.16	.13	.11
151-9016	16	.40	.30	.795	.34	.17	.14	.12
151-9018	18	.40	.30	.895	.36	.20	.17	.14
151-9020	20	.40	.30	.995	.39	.22	.18	.15
151-9022	22	.50	.40	1.095	.43	.24	.20	.17
151-9024	24	.70	.60	1.195	.48	.26	.22	.18
151-9028	28	.70	.60	1.395	.56	.30	.25	.21
151-9032	32	.70	.60	1.595	.51	.34	.28	.24
151-9040	40	.70	.60	1.995	.69	.43	.36	.30
151-9048	48	.70	.60	2.400	.65	.50	.42	.36
151-9064	64	1.00	.90	3.200	.87	.67	.56	.48
Tin Plated Contacts with 10µ Gold in Contact Area								
151-9106	6	.40	.30	.295	.27	.18	.17	.15
151-9108	8	.40	.30	.395	.36	.24	.22	.20
151-9114	14	.40	.30	.695	.63	.42	.39	.35
151-9116	16	.40	.30	.795	.73	.49	.44	.40
151-9118	18	.40	.30	.895	.76	.55	.50	.45
151-9120	20	.40	.30	.995	.79	.61	.55	.50
151-9122	22	.50	.40	1.095	.87	.67	.61	.55
151-9124	24	.70	.60	1.195	.97	.75	.68	.62
151-9125	24	.40	.30	1.195	.97	.75	.68	.62
151-9128	28	.70	.60	1.395	1.10	.85	.77	.70
151-9132	32	.70	.60	1.600	1.26	.97	.88	.80
151-9140	40	.70	.60	1.995	1.46	1.21	1.10	1.00
151-9148	48	.70	.60	2.400	1.75	1.46	1.32	1.20
151-9164	64	1.00	.90	3.200	2.33	1.94	1.77	1.61

AUGAT LOW COST DIP SOCKETS SINGLE LEAF CONTACTS

eatures:
- PC mounting
- Anti-overstress detent
- Enlarged entry for use of hand and machine IC insertion
- Open ladder insulator for better cleaning, cooling, visibility, and repair
- Insulator-thermoplastic polyester, UL rated 94V-0

MOUSER STOCK NO.	No. of Pins	Spacing (In.)	Price Each 1	100	500	1000
Tin Plated, Phosphor Bronze						
506-208-AG29D	8	.3 x .1	.12	.10	.09	Call
506-214-AG19DC	14	.3 x .1	.14	.12	.11	For
506-216-AG19DC	16	.3 x .1	.16	.13	.12	Quote
506-218-AG19DC	18	.3 x .1	.18	.17	.15	
506-220-AG19DC	20	.3 x .1	.20	.17	.15	
506-222-AG19DC	22	.4 x .1	.34	.28	.26	
506-224-AG19DC	24	.6 x .1	.24	.20	.19	
506-228-AG19DC	28	.6 x .1	.28	.23	.22	
506-240-AG19DC	40	.6 x .1	.40	.36	.34	
Tin Plated, Beryllium Copper						
506-208-AG39D	8	.3 x .1	.16	.13	.12	Call
506-214-AG39D	14	.3 x .1	.24	.21	.18	For
506-216-AG39D	16	.3 x .1	.29	.24	.21	Quote
506-222-AG39D	22	.4 x .1	.45	.40	.39	
506-228-AG29D	28	.6 x .1	.49	.25	.24	
506-240-AG39D	40	.6 x .1	.70	.63	.61	
Gold Plated, Beryllium Copper						
506-208-AG49D	8	.3 x .1	.35	.30	.26	
506-214-AG49D	14	.3 x .1	.41	.35	.30	
506-216-AG49D	16	.3 x .1	.47	.40	.35	
506-218-AG49D	18	.3 x .1	.52	.45	.39	Call
506-220-AG49D	20	.3 x .1	.58	.50	.44	For
506-228-AG49D	28	.6 x .1	.82	.73	.71	Quote

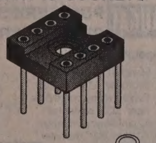

PC Mount

File No. 111362

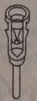
MEETS MIL SPECS ™

AUGAT SOLID FRAME ECONOMY TAPERED ENTRY IC SOCKETS

conomy series DIP IC sockets with stamped and rolled contacts. Contacts ave tapered entry ensuring proper targeting for automatic and manual IC load-g. Sockets also feature four fingered beryllium copper inner contacts.



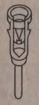
MOUSER STOCK NO.	No. of Pins	Spacing (In.)	Price Each 1	25	100	500
506-508AG11D-ES	8	.3 x .1	.60	.54	.52	Call
506-514AG11D-ES	14	.3 x .1	.70	.60	.59	For
506-516AG11D-ES	16	.3 x .1	.78	.69	.67	Quote
506-518AG11D-ES	18	.3 x .1	.87	.78	.75	
506-520AG11D-ES	20	.3 x .1	.97	.86	.84	
506-522AG11D-ES	22	.4 x .1	1.19	1.02	.99	
506-524AG11D-ES	24	.6 x .1	1.21	1.04	1.00	Call
506-528AG11D-ES	28	.6 x .1	1.36	1.21	1.17	For
506-540AG11D-ES	40	.6 x .1	2.01	1.73	1.67	Quote

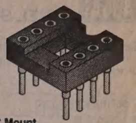

Stamped and rolled four-finger inner contact

IC SOCKETS WITH MACHINED CONTACTS

Specifications:
- Current rating: 5.0 amp
- Contact material: brass outer sleeve, beryllium copper inner contact
- Molding material: glass-reinforced polyester

Features:
- Precision machined, 4 finger inner contact for low insertion force
- Precision machined, closed bottom sleeve protects against contamination


Four Finger Contact


PC Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cont.	Outer Contact Plating	Inner Contact Plating	Body Width (In.)	Row to Row (In.)	Max Body Lth. (In.)	Price Each 1	100	500	1000
151-308SGG	8	Gold	Gold	.40	.30	.40	.65	.61	.59	.54
151-308SGT	8	Tin	Gold	.40	.30	.40	.59	.55	.53	.49
151-314SGG	14	Gold	Gold	.40	.30	.70	.99	.95	.93	.86
151-314SGT	14	Tin	Gold	.40	.30	.70	.89	86	.84	.77
151-316SGG	16	Gold	Gold	.40	.30	.80	1.16	1.07	1.04	.96
151-316SGT	16	Tin	Gold	.40	.30	.80	1.04	.96	.94	.86
151-318SGG	18	Gold	Gold	.40	.30	.90	1.35	1.17	1.15	1.06
151-318SGT	18	Tin	Gold	.40	.30	.90	1.22	1.05	1.03	.95
151-320SGG	20	Gold	Gold	.40	.30	1.00	1.37	1.29	1.24	1.14
151-320SGT	20	Tin	Gold	.40	.30	1.00	1.23	1.16	1.12	1.03
151-422SGG	22	Gold	Gold	.50	.40	1.10	1.61	1.52	1.42	1.31
151-422SGT	22	Tin	Gold	.50	.40	1.10	1.45	1.37	1.28	1.18
151-324SGG	24	Gold	Gold	.40	.30	1.20	1.69	1.56	1.53	1.41
151-624SGG	24	Gold	Gold	.70	.60	1.20	1.69	1.56	1.53	1.41
151-624SGT	24	Tin	Gold	.70	.60	1.20	1.52	1.39	1.37	1.27
151-628SGG	28	Gold	Gold	.70	.60	1.40	1.99	1.83	1.79	1.65
151-628SGT	28	Tin	Gold	.70	.60	1.40	1.79	1.65	1.61	1.49
151-632SGG	32	Gold	Gold	.70	.60	1.80	2.69	2.24	2.04	1.85
151-632SGT	32	Tin	Gold	.70	.60	1.80	2.05	1.88	1.84	1.70
151-640SGG	40	Gold	Gold	.70	.60	2.00	2.55	2.37	2.29	2.11
151-640SGT	40	Tin	Gold	.70	.60	2.00	2.29	2.13	2.06	1.89
151-648SGG	48	Gold	Gold	.70	.60	2.40	3.64	3.04	2.76	2.51
151-648SGT	48	Tin	Gold	.70	.60	2.40	2.75	2.56	2.47	2.26
151-950SGG	50	Gold	Gold	1.00	.90	2.50	3.79	3.16	2.87	2.61
151-950SGT	50	Tin	Gold	1.00	.90	2.50	2.86	2.67	2.57	2.35
151-964SGG	64	Gold	Gold	1.00	.90	3.20	4.81	3.99	3.64	3.31
151-964SGT	64	Tin	Gold	1.00	.90	3.20	3.67	3.41	3.29	3.01

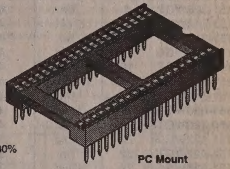
LOW PROFILE IC SOCKETS WITH MACHINED CONTACTS

This new "Super Flat" IC socket has a unique hollow tail design which allows the IC pins to be inserted further into the socket contacts thus allowing the IC to lay lower in the socket. It's use is recommended whenever vertical space requirements are at a premium.

Features:
- Precision machined 4 finger inner contact for low insertion force of flat or round leads
- Precision machined, non-wicking, closed bottom sleeve protects against solder/flux contamination
- Low profile, open frame design for maximum cooling and minimum space

Specifications:
- Current rating: 3 amp
- Temperature range: -55°C to +125°C
- Contact resistance: <4mΩ
- Flammability rating: UL 94V-0

Materials:
- Insulation: PBT 30% glass filled plastic


PC Mount

For quantities greater than listed, call for quote.

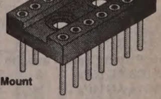
MOUSER STOCK NO.	No. of Cont.	Outer Contact Plating	Inner Contact Plating	Body Width (In.)	Row to Row (In.)	Max Body Lth. (In.)	Price Each 1	100	500	1000
151-4308	8	Tin	Gold	.40	.30	.40	.79	.72	.66	.59
151-4314	14	Tin	Gold	.40	.30	.70	1.38	1.26	1.15	1.04
151-4316	16	Tin	Gold	.40	.30	.80	1.72	1.43	1.30	1.18
151-4318	18	Tin	Gold	.40	.30	.90	1.94	1.62	1.47	1.34
151-4320	20	Tin	Gold	.40	.30	1.00	2.15	1.79	1.63	1.48
151-4624	24	Tin	Gold	.70	.60	1.20	2.58	2.15	1.96	1.79
151-4628	28	Tin	Gold	.70	.60	1.40	3.00	2.50	2.28	2.08
151-4640	40	Tin	Gold	.70	.60	2.00	4.28	3.57	3.25	2.96

SOLID FRAME IC SOCKETS WITH MACHINED CONTACTS

Features:
- Precision machined, 4 finger inner contact for low insertion force
- Precision machined closed bottom sleeve protects against contamination

Specifications:
- Current rating: 3 amp
- Temperature range: -55°C to +125°C
- Contact resistance: <4mΩ
- Flammability rating: UL 94V-0

Materials:
- Insulation: PBT 30% glass filled plastic


PC Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cont.	Outer Contact Plating	Inner Contact Plating	Body Width (In.)	Row to Row (In.)	Max Body Lth. (In.)	Price Each 1	100	500	1000
151-5314	14	Tin	Gold	.40	.30	.70	1.15	.91	.82	.74
151-5316	16	Tin	Gold	.40	.30	.80	1.26	.99	.90	.81
151-5318	18	Tin	Gold	.40	.30	.90	1.59	1.25	1.14	1.02
151-5320	20	Tin	Gold	.40	.30	1.00	1.82	1.43	1.30	1.17
151-5624	24	Tin	Gold	.70	.60	1.20	2.20	1.73	1.57	1.42
151-5628	28	Tin	Gold	.70	.60	1.40	2.38	1.87	1.70	1.53
151-5640	40	Tin	Gold	.70	.60	2.00	3.36	2.64	2.40	2.16

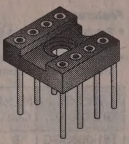
IC Sockets

AUGAT HI-REL SOLID FRAME SOCKETS WITH MACHINED CONTACTS

Tapered entry with four-finger machined inner contact and machined outer sleeve. Contact features closed end construction eliminating any solder or flux wicking problems. Meets most severe military requirements for high shock and vibration.

Features:

- Low profile
- XY stackable
- UL rated 94V-0, thermoplastic polyester insulator
- Closed frame insulator



MOUSER STOCK NO.	No. of Cont.	Spacing (In.)	Price Each 1	25	100	500
Gold Plated Contact and Tin Plated Sleeve						
506-508-AG11D	8	.3 x .1	1.22	1.08	1.05	Call
506-514-AG11D	14	.3 x .1	1.69	1.50	1.46	For
506-516-AG11D	16	.3 x .1	1.85	1.65	1.60	Quote
506-518-AG11D	18	.3 x .1	2.34	2.08	2.01	
506-520-AG11D	20	.3 x .1	2.67	2.37	2.30	
506-522-AG11D	22	.4 x .1	2.89	2.57	2.49	
506-524-AG11D	24	.6 x .1	3.23	2.87	2.78	
506-528-AG11D	28	.6 x .1	3.49	3.10	3.01	
Gold Plated Contact and Sleeve						
506-508-AG10D	8	.3 x .1	1.67	1.49	1.44	
506-514-AG10D	14	.3 x .1	2.49	2.21	2.14	Call
506-516-AG10D	16	.3 x .1	2.78	2.48	2.40	For
506-524-AG10D	24	.6 x .1	4.79	4.26	4.13	Quote

Precision Machined Four-Finger Inner Contact

MEETS MIL SPECS

WIRE WRAP IC SOCKETS WITH MACHINED CONTACTS / SLEEVES

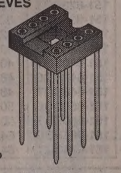
Features:

- Precision machined, 4 finger inner contact for low insertion force
- Precision machined closed bottom sleeve protects against contamination

Specifications:

- Current rating: 5 amp
- Contact material: brass outer sleeve, beryllium copper inner contact
- Molding material: glass-reinforced polyester
- Inner contact plating: gold
- Lead length: .499"

Four Finger Contact



For quantities greater than listed, call for quote.

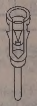
MOUSER STOCK NO.	No. of Cont.	Outer Contact Plating	Body Width (In.)	Row to Row (In.)	Max Body Lth. (In.)	Price Each 1	100	500	1000
151-308WGG	8	Gold	.40	.30	.40	1.21	1.06	.96	.87
151-308WGT	8	Tin	.40	.30	.40	.87	.80	.73	.66
151-314WGG	14	Gold	.40	.30	.70	2.23	1.86	1.69	1.54
151-314WGT	14	Tin	.40	.30	.70	1.37	1.25	1.23	1.13
151-316WGG	16	Gold	.40	.30	.80	2.45	2.13	1.94	1.76
151-316WGT	16	Tin	.40	.30	.80	1.46	1.33	1.30	1.20
151-318WGG	18	Gold	.40	.30	.90	2.51	2.30	2.09	1.91
151-318WGT	18	Tin	.40	.30	.90	1.82	1.54	1.51	1.37
151-320WGG	20	Gold	.40	.30	1.00	2.90	2.63	2.39	2.17
151-320WGT	20	Tin	.40	.30	1.00	1.91	1.71	1.65	1.50
151-422WGG	22	Gold	.50	.40	1.00	3.00	2.77	2.52	2.32
151-422WGT	22	Tin	.50	.40	1.00	2.06	1.89	1.81	1.66
151-624WGG	24	Gold	.70	.60	1.20	3.09	2.85	2.78	2.56
151-624WGT	24	Tin	.70	.60	1.20	2.13	2.05	2.00	1.84
151-628WGG	28	Gold	.70	.60	1.40	4.30	3.95	3.85	3.55
151-628WGT	28	Tin	.70	.60	1.40	3.09	2.80	2.54	2.31
151-640WGG	40	Gold	.70	.60	2.00	4.99	4.64	4.58	4.21
151-640WGT	40	Tin	.70	.60	2.00	3.59	3.35	3.29	3.04

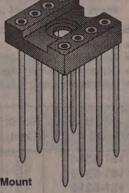
AUGAT HI-REL WIRE WRAP SOCKETS WITH MACHINED CONTACTS

Tapered entry with four-finger machined inner contact and machined outer sleeve. Contact features closed end construction eliminating any solder or flux wicking problems. Meets most severe military requirements for high shock and vibration.

Features:

- Low profile
- XY stackable
- UL rated 94V-0, thermoplastic polyester insulator
- Closed frame insulator
- Single beam contact





MOUSER STOCK NO.	No. of Cont.	Spacing (In.)	Price Each 1	25	100	500
Gold Plated Contact and Tin Plated Sleeve						
506-508-AG11F	8	.3 x .1	1.56	1.39	1.34	Call
506-514-AG11F	14	.3 x .1	2.25	2.00	1.94	For
506-516-AG11F	16	.3 x .1	2.50	2.22	2.15	Quote
506-518-AG11F	18	.3 x .1	3.07	2.73	2.65	
506-520-AG11F	20	.3 x .1	3.54	3.14	3.04	
506-522-AG11F	22	.4 x .1	3.72	3.31	3.21	
506-524-AG11F	24	.6 x .1	4.20	3.74	3.62	
506-528-AG11F	28	.6 x .1	4.78	4.25	4.12	
506-540-AG11F	40	.6 x .1	6.40	5.68	5.51	
Gold Plated Contact and Sleeve						
506-508-AG10F	8	.3 x .1	2.30	2.05	1.98	
506-514-AG10F	14	.3 x .1	3.48	3.10	3.00	Call
506-516-AG10F	16	.3 x .1	3.99	3.55	3.44	For
506-540-AG10F	40	.6 x .1	10.29	9.15	8.86	Quote

MEETS MIL SPECS

SOLID FRAME WIRE WRAP IC SOCKETS
WITH MACHINED CONTACTS

Features:

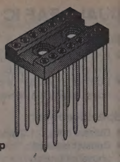
- Precision machined, 4 finger inner contact for low insertion force
- Precision machined closed bottom sleeve protects against contamination

Specifications:

- Current rating: 3 amp
- Temperature range: -55°C to +125°C
- Contact resistance: <4mΩ
- Flammability rating: UL 94V-0
- Inner contact plating: gold

Materials:

- Insulator: PBT 30% glass filled plastic



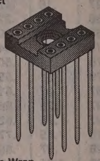
For quantities greater than listed, call for quot

MOUSER STOCK NO.	No. of Cont.	Outer Contact Plating	Body Width (In.)	Row to Row (In.)	Max Body Lth. (In.)	Price Each 1	100	500	1000
151-63314	14	Tin	.40	.30	.70	1.44	1.20	1.10	.99
151-63316	16	Tin	.40	.30	.80	1.60	1.33	1.21	1.09
151-63318	18	Tin	.40	.30	.90	1.97	1.64	1.49	1.34
151-63320	20	Tin	.40	.30	1.00	2.27	1.89	1.72	1.55
151-66324	24	Tin	.70	.60	1.20	2.70	2.25	2.04	1.84
151-66328	28	Tin	.70	.60	1.40	3.07	2.56	2.32	2.09
151-66340	40	Tin	.70	.60	2.00	4.10	3.42	3.11	2.80

AUGAT ECONOMY WIRE WRAP IC SOCKETS

Economy Series DIP IC sockets with stamped and rolled contacts. Contacts have tapered entry ensuring proper targeting for automatic and manual IC loading. Sockets also feature four-fingered beryllium copper inner contacts.

Stamped and Rolled Four-Finger Inner Contact

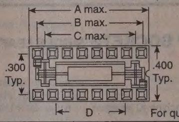


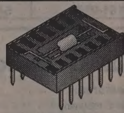
MOUSER STOCK NO.	No. of Cont.	Spacing (In.)	Price Each 1	25	100	500
506-508AG11F-ES	8	.3 x .1	.84	.72	.70	Call
506-514AG11F-ES	14	.3 x .1	.90	.80	.78	For
506-516AG11F-ES	16	.3 x .1	1.05	.93	.90	Quot
506-518AG11F-ES	18	.3 x .1	1.18	1.05	1.02	
506-520AG11F-ES	20	.3 x .1	1.31	1.17	1.13	
506-522AG11F-ES	22	.4 x .1	1.55	1.38	1.34	
506-524AG11F-ES	24	.6 x .1	1.58	1.40	1.36	
506-528AG11F-ES	28	.6 x .1	1.84	1.63	1.58	Call
506-532AG11F-ES	32	.6 x .1	2.10	1.87	1.81	For
506-540AG11F-ES	40	.6 x .1	2.71	2.33	2.26	Quot

AUGAT IC SOCKETS WITH DECOUPLING CAPACITOR

Features:

- Insulator: thermoplastic polyester rated 94V-0
- Contacts: beryllium copper (per QQ-C-533) or copper alloy
- Plating: tin/lead (per MIL-P-81728) single beam contact





For quantities greater than listed, call for quo

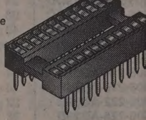
MOUSER STOCK NO.	No. of Cont.	Dimensions (In.) A	B	C	D	Cap Value (μF)	Price Each 1	100	500	100
506-214ACB29D-N10	14	.700	.590	.506	.355	.10	.54	.45	.43	.3
506-216ACB29D-N01	16	.800	.690	.606	.455	.01	.62	.52	.49	.4
506-216ACB29D-N10	16	.800	.690	.606	.455	.10	.62	.52	.49	.4
506-218ACB29D-N01	18	.900	.790	.706	.555	.01	.70	.58	.55	.4
506-218ACB29D-N10	18	.900	.790	.706	.555	.10	.70	.58	.55	.4

.07 "SPACING" IC SOCKETS

With increasing demand for more components to be assembled into ever smaller PCB's, manufacturers are reducing the size of dual-in-line packaging, resulting in the introduction of packages with pin spacing .07" instead of the 0.1".

Specifications:

- Flammability rating: UL94V-0
- Contact material: phosphor bronze
- Contact plating: tin
- Contact rating: 1 amp
- Contact resistance: 10mΩ
- Temperature range: -65°C to +150°C



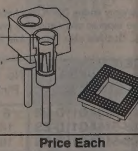
For quantities greater than listed, call for quo

MOUSER STOCK NO.	No. of Cont.	Outer Contact Plating	Body Width (In.)	Row to Row (In.)	Max Body Lth. (In.)	Price Each 1	100	500	100
151-724-STT	24	Tin	.50	.40	.84	1.43	1.19	1.08	.9
151-728-STT	28	Tin	.50	.40	.98	1.67	1.39	1.26	1.1
151-730-STT	30	Tin	.50	.40	1.05	1.79	1.49	1.35	1.2
151-740-STT	40	Tin	.70	.60	1.40	2.38	1.99	1.80	1.6
151-742-STT	42	Tin	.70	.60	1.47	2.50	2.09	1.90	1.7
151-764-STT	64	Tin	.85	.75	2.24	3.09	2.58	2.34	2.1

AUGAT PGM SERIES • MOLDED PLASTIC PIN GRID ARRAY SOCKETS

Specifications:

- Standard insulator thickness: .115" typical
- Printed wiring board hole size: .035" solder tail
- IC pin dimension range: .017" to .022" diameter
- Solder tail length: (PC) .125"
- Gold plated contacts
- Tin plated sleeve


Wide tapered entry
Low insertion force, six finger, stamped and rolled contacts

MOUSER STOCK NO.	No. of Pins	Insulator Size (In.)	Price Each 1	100	500	100
506-PGM068-1A1006-V	68	1.0 x 1.0	4.00	3.33	2.86	Cal
506-PGM068-1A1133-V	68	1.1 x 1.1	4.00	3.33	2.86	Fo
506-PGM114-1A1337-V	114	1.3 x 1.3	6.70	5.59	4.79	Quo
506-PGM132-1A1415-V	132	1.4 x 1.4	7.76	6.47	5.54	

MEETS MIL SPECS

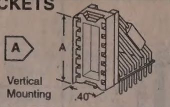
IC Sockets

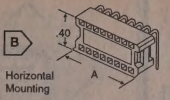
(LED DISPLAY, PGA, ZIF,AND TEST)

ARIES ELECTRONICS, INC. VERTISOCKETS

Specifications:

- Contacts: phosphor bronze QQ-B-7500
- Plating: tin plated
- Socket: glass-filled thermoplastic





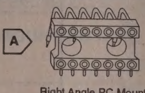
MOUSER STOCK NO.	Fig.	Contact Style	A Dim. (In.)	No. of Pins	Mounting Center (In.)	Price Each			
						1	100	500	1000
535-14-810-90T	A	Machined	.75	14	.30	2.70	2.39	2.16	Call For Quote
535-14-810-90R	A	Bifurcated	.75	14	.30	1.82	1.61	1.46	
535-14-820-90T	B	Machined	.75	14	.30	2.22	1.96	1.78	
535-16-820-90T	B	Machined	.85	16	.30	2.38	2.11	1.90	

AUGAT LED NUMERIC DISPLAY SOCKETS

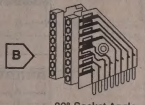
FOR PC MOUNTING

Features:

- Machined contacts
- Gold plated contacts
- Tapered entry socket
- PC mounting



Right Angle PC Mount



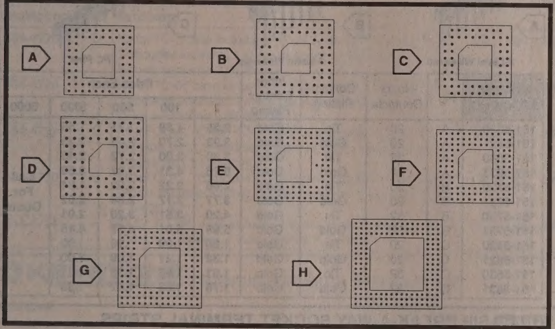
90° Socket Angle

MOUSER STOCK NO.	Fig.	No. of Pins	Spacing (In.)	Price Each			
				1	25	100	500
506-514-AG7D	A	14	.3 x .1	4.14	3.68	3.56	Call For Quote
506-516-AG7D	A	16	.3 x .1	4.58	4.07	3.95	
506-516-AG21D	B	16	.3 x .1	9.78	8.69	8.42	

MEETS MIL SPECS™

PRECISION MACHINED PGA SOCKETS

(VERY LOW INSERTION FORCE)



Mouser pin grid array sockets employ a new 3 finger inner contact that reduces insertion force to no more than 1 ounce, the lowest in the industry. These sockets are a superior product and an exceptional value. For pin grids not listed, call your Mouser Service Representative.

Specifications:

- Current rating: 3 amp
- Temperature range: -55°C to +150°C
- Flammability rating: UL 94V-0

Materials:

- Insulator: PPS plastic
- Contact: gold plated, beryllium copper
- Pin: tin plated brass

Features:

- Very low insertion force, through the use of new precision machined 3 finger inner contacts
- Precision machined, non-wicking, closed bottom sleeve protects against solder/flux contamination

MOUSER STOCK NO.	Fig.	No. of Pins	Pin Grid	Termination	Price Each			
					1	100	500	1000
151-6410	A	64	10 x 10	PCB	3.74	3.40	2.81	Call For Quote
151-6810	B	68	10 x 10	PCB	3.94	3.59	3.27	
151-6811	C	68	11 x 11	PCB	3.94	3.59	3.27	
151-8410	D	84	10 x 10	PCB	4.75	4.32	3.93	
151-11413	E	114	13 x 13	PCB	6.27	5.71	5.20	
151-12113	F	121	13 x 13	PCB	6.62	6.03	5.49	
151-13214	G	132	14 x 14	PCB	7.18	6.53	5.94	
151-16817	H	168	17 x 17	PCB	9.14	8.31	7.56	

PLCC TEST / BURN-IN SOCKETS

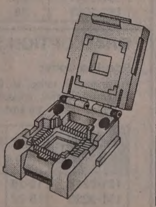
Specifications:

- Contact resistance: 30mΩ (max.)
- Insulating resistance: 1TΩ
- Operating temperature: -55°C to +170°C
- Typical life: 10,000 insertions (min.)

Features:

- Spring activated cover
- High temperature molding
- Gold over nickel plating

MOUSER STOCK NO.	No. of Pins	Description	Price Each
151-2044	44	PLCC test / burn-in socket	35.10
151-2068	68	PLCC test / burn-in socket	49.75
151-2084	84	PLCC test / burn-in socket	53.45



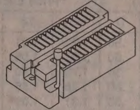
ARIES ELECTRONICS, INC. UNIVERSAL ZIF TEST SOCKET

Specifications:

- Flammability rating: UL 94V-0
- Contacts: gold plated, beryllium copper
- Insulation resistance: 1000 MΩ
- Contact rating: 1 amp
- Cycles: 25,000 to 50,000

Features:

- Accepts .300, .400, and .600 centers
- Solderable directly to PCB or may be plugged into any socket
- Accepts .015 to .045 wide leads

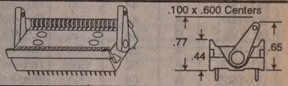


MOUSER STOCK NO.	No. of Pins	Price Each			
		1	100	500	1000
535-24-6554-11	24	8.71	7.74	7.16	Call For Quote
535-28-6554-11	28	9.43	8.38	7.76	
535-32-6554-11	32	10.46	9.30	8.60	
535-40-6554-11	40	12.47	11.09	10.26	
535-48-6554-11	48	14.58	12.96	11.99	

ARIES ELECTRONICS, INC. ZIF IC SOCKETS

A true ZIF (Zero Insertion Force) device. Contacts are normally open and are closed by CAM action controlled by lever arms. A tapered entry guides legs into mating position with contacts.

DIMENSIONS (IN.)



For 516-11 Series Only

MEETS MIL SPECS™

MOUSER STOCK NO.	No. of Pins	Plating	Price Each			
			1	100	500	1000
535-24-516-10	24	Tin	6.37	5.26	4.76	Call For Quote
535-24-516-11	24	Gold	7.94	6.55	5.93	
535-28-516-10	28	Tin	6.85	5.65	5.12	
535-28-516-11	28	Gold	8.41	6.95	6.29	
535-40-516-10	40	Tin	9.03	7.45	6.75	
535-40-516-11	40	Gold	11.31	9.34	8.46	

ARIES ELECTRONICS, INC. LO-PRO® ZIF SOCKET

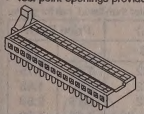
Socket measures .319" in height, with the handle in open position socket measures .554".

Features:

- CAM operation with socket in normally open position
- Strong, rigid CAM provides uniform action over entire contact area
- Test point openings provide access to all pins

Specifications:

- Body: UL 94V-0 glass filled polyester
- Contact: tin plated, spring temper beryllium copper
- CAM: cast metal



MOUSER STOCK NO.	No. of Pins	Price Each			
		1	100	500	1000
535-24-526-10	24	3.58	2.99	2.72	Call For Quote
535-28-526-10	28	3.86	3.22	2.93	
535-40-526-10	40	4.66	3.89	3.54	

3M ZERO INSERTION FORCE IC SOCKETS (ZIP SOCKETS)

The ZIP DIPII which protects IC's during test, burn-in and EPROM programming while maintaining a secure connection with a lever-operated metal cam. The econo ZIP socket is ideal for field replacement, programming, reprogramming, and IC updates. The IC is held securely by a screwdriver rotation of a cam for security against vibration or accidental unloading.

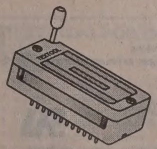
Features:

- OEM/end user applications
- Used for testing, programming and reprogramming

Specifications:

- Temperature rating: -55°C to 105°C
- Current rating: 1A ~ 5A
- Dielectric withstand voltage: 1000Vrms

NEW!



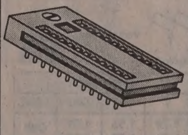
ZIP DIP Socket

ZIP DIP Sockets

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Contact Plating	Price Each		
			1	5	10
517-333962	14	Gold	10.98	9.88	9.33
517-333965	14	Tin	9.52	8.57	8.09
517-334062	16	Gold	11.97	10.77	10.17
517-334065	16	Tin	10.27	9.24	8.73
517-334162	18	Gold	12.95	11.66	11.01
517-334165	18	Tin	11.02	9.92	9.37
517-334262	20	Gold	13.95	12.56	11.86
517-334265	20	Tin	11.78	10.60	10.01
517-334362	22	Gold	14.94	13.46	12.70
517-334365	22	Tin	12.52	11.27	10.64
517-334462	24	Gold	15.93	14.34	13.54
517-334465	24	Tin	13.27	11.94	11.28
517-334562	28	Gold	17.91	16.12	15.22
517-334565	28	Tin	14.78	13.30	12.56
517-334662	40	Gold	23.88	21.49	20.30
517-334665	40	Tin	19.30	17.37	16.41
517-449362	64	Gold	40.90	36.81	34.77
517-449365	64	Tin	33.88	30.49	28.80

NEW!



Econo ZIP Socket

Econo ZIP Sockets

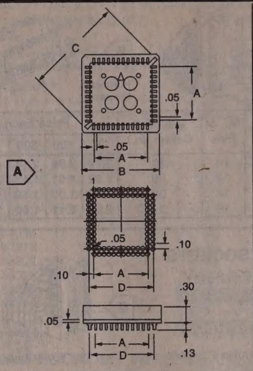
517-48393	14	Gold	4.68	4.21	3.98
517-48397	14	Tin	4.41	3.97	3.75
517-48403	16	Gold	4.82	4.34	4.10
517-48407	16	Tin	4.56	4.10	3.88
517-48423	20	Gold	5.85	5.27	4.97
517-48427	20	Tin	5.51	4.96	4.68
517-48443	24	Gold	6.59	5.93	5.60
517-48447	24	Tin	6.20	5.58	5.27
517-48453	28	Gold	7.42	6.68	6.31
517-48457	28	Tin	6.97	6.27	5.70
517-48463	40	Gold	9.77	8.79	8.30
517-48467	40	Tin	9.11	8.20	7.74
517-52013	48	Gold	11.33	10.20	9.63
517-52017	48	Tin	10.55	9.50	8.97
517-52003	60	Gold	14.47	13.02	12.30
517-52007	60	Tin	13.44	12.10	11.42

PLASTIC LEADED CHIP CARRIER SOCKETS

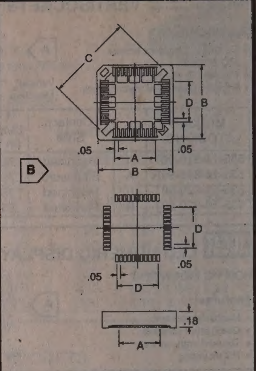
Features:
- Accepts JEDEC type A chips
- Low profile
- Polarization indicator to assure positive chip carrier alignment

Specifications:
- Contact resistance: 30mΩ max. at 100mA DC
- Insulator resistance: 1000 MΩ min. at 500 VDC
- Current rating: 1 amp
- Voltage rating: 500 VAC for 1 minute
- Operating temp.: -55°C ~ 105°C
- Contact material: tin/gold plated phosphor bronze
- Housing material: PPS and 40% glass fiber (UL 94V-0)

MOUSER STOCK NO.	Fig.	No. of Contacts	Contact Plating	Mounting Type	Dimensions (In.)				Price Each		
					A	B	C	D	1	10	50
151-1528	A	28	Tin	Thru-hole	.30	.71	.87	.50	1.21	1.01	.92
151-1529	A	28	Gold	Thru-hole	.30	.71	.87	.50	1.27	1.06	.96
151-1530	B	28	Tin	SMD	.30	.70	.80	.30	1.79	1.49	1.35
151-1532	A	32	Tin	Thru-hole	.40	.84	1.01	.60	1.26	1.05	.96
151-1533	A	32	Gold	Thru-hole	.40	.84	1.01	.60	1.31	1.09	.99
151-1534	B	32	Tin	SMD	.30	.70	.89	.40	1.92	1.60	1.45
151-1544	A	44	Tin	Thru-hole	.50	.93	1.17	.70	1.34	1.12	1.02
151-1545	A	44	Gold	Thru-hole	.50	.93	1.17	.70	1.44	1.20	1.09
151-1546	B	44	Tin	SMD	.50	.90	1.08	.50	2.00	1.67	1.52
151-1552	A	52	Tin	Thru-hole	.60	1.02	1.29	.80	1.44	1.20	1.09
151-1553	A	52	Gold	Thru-hole	.60	1.02	1.29	.80	1.48	1.23	1.12
151-1568	A	68	Tin	Thru-hole	.80	1.22	1.58	1.00	1.57	1.31	1.19
151-1569	A	68	Gold	Thru-hole	.80	1.22	1.58	1.00	1.70	1.42	1.29
151-1570	B	68	Tin	SMD	.80	1.21	1.51	.80	2.22	1.85	1.68
151-1584	A	84	Tin	Thru-hole	1.00	1.42	1.85	1.20	1.84	1.53	1.39
151-1585	A	84	Gold	Thru-hole	1.00	1.42	1.85	1.20	1.92	1.60	1.45
151-1586	B	84	Tin	SMD	1.00	1.41	1.79	1.00	2.44	2.03	1.85



DIMENSIONS (IN.)



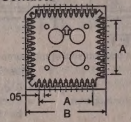
DIMENSIONS (IN.)

PLASTIC LEADED CHIP CARRIER SOCKETS

Now Available with Gold Contacts

Made in the United Kingdom

Features:
- Molding polarization
- Low profile
- Current rating: 1.0 amp
- Contact resistance: 10mΩ typical



SMD

SMD

Thru-Hole

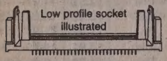
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Contacts	Contact Plating	Mounting Type	Dimensions (In.)		Price Each	
				A	C	1	10
151-1028	28	Tin	Thru-hole	.30	.72	1.93	1.75
151-1029	28	Gold	Thru-hole	.30	.72	2.12	1.93
151-1030	28	Tin	SMD	.30	.72	2.78	2.53
151-1032	32	Tin	Thru-hole	.29 x .39	.69 x .80	1.98	1.80
151-1033	32	Gold	Thru-hole	.29 x .39	.69 x .80	2.18	1.98
151-1034	32	Tin	SMD	.29 x .39	.69 x .80	2.94	2.88
151-1044	44	Tin	Thru-hole	.50	.91	2.23	2.03
151-1045	44	Gold	Thru-hole	.50	.91	2.45	2.23
151-1046	44	Tin	SMD	.50	.91	3.16	2.88
151-1052	52	Tin	Thru-hole	.60	1.07	2.43	2.21
151-1053	52	Gold	Thru-hole	.60	1.07	2.67	2.43
151-1054	52	Tin	SMD	.60	1.07	3.36	3.05
151-1068	68	Tin	Thru-hole	.80	1.26	2.82	2.56
151-1069	68	Gold	Thru-hole	.80	1.26	3.10	2.82
151-1070	68	Tin	SMD	.80	1.26	3.52	3.20
151-1084	84	Tin	Thru-hole	1.00	1.46	3.28	2.98
151-1085	84	Gold	Thru-hole	1.00	1.46	3.61	3.28
151-1086	84	Tin	SMD	1.00	1.46	3.96	3.60

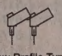
AUGAT SINGLE-IN-LINE-MEMORY-MODULE (SIMM) SOCKETS

Features:
- Gas-tight high normal force contact
- Wipe to board contact system
- Shoe horn removal assist
- High temperature plastic permits most accepted solder techniques

Specifications:
- UL Recognized 94V-0
- Standard JEDEC dimensions
- Tin plated, beryllium copper or phosphor bronze contacts
- 1 amp contact rating



Vertical Type



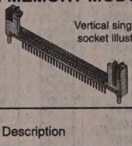
Low Profile Type

E111362

MOUSER STOCK NO.	Description	Price Each		
		1	25	100
506-2900-2TT10301A	30 contact single row vertical SIMM socket	1.70	1.51	1.42
506-2900-2TT20301A	30 contact single row low profile SIMM socket	1.70	1.51	1.42
506-2900-2TT20304B	60 contact double row low profile SIMM socket	3.40	3.02	2.84
506-2900-2TT10302B	60 contact double row vertical SIMM socket	3.40	3.02	2.84

HI-REL SINGLE-IN-LINE-MEMORY-MODULE (SIMM) SOCKETS

- Flammability rating: UL 94V-0
- Contact material: phosphor bronze
- Contact plating: tin
- Contact rating: 1 amp
- Contact resistance: 20mΩ
- Breakdown voltage: 1000VAC
- Material: liquid polymer



Vertical single row socket illustrated

Low Profile Type

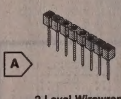
Vertical Type

MOUSER STOCK NO.	Description	Price Each			
		1	100	500	1000
151-3130	30 contact vertical single row socket	1.79	1.55	1.31	Call For Quote
151-3230	30 contact 26° angle low profile single row socket	1.79	1.55	1.31	
151-3160	60 contact vertical double row socket	3.56	3.08	2.61	
151-3260	60 contact 26° ang. low profile double row socket	3.56	3.08	2.61	

SIP BREAK-A-WAY IC SOCKETS

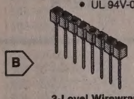
Materials:
- Insulator: PBT 30% glass filled plastic
- Contact: gold plated, beryllium copper

Specifications:
- Current rating: 3 amp
- Temp. range: -55°C to +125°C
- Contact resistance: <4mΩ
- UL 94V-0
- Pin spacing: .10"
- Pin length: 2 level .36"
  3 level .50"
  PC .12"



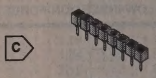
A

2-Level Wirewrap



B

3-Level Wirewrap



C

PC Pins

MOUSER STOCK NO.	Fig.	No. of Contacts	Contact Plating	Inner Contact Plating	Price Each				
					1	100	500	1000	5000
151-5620	A	20	Tin	Gold	2.25	1.88	1.71	1.55	Call For Quote
151-5621	A	20	Gold	Gold	3.23	2.70	2.45	2.23	
151-5630	A	32	Tin	Gold	3.60	3.00	2.73	2.48	
151-5631	A	32	Gold	Gold	5.16	4.31	3.92	3.56	
151-5720	B	20	Tin	Gold	2.65	2.22	2.02	1.84	
151-5721	B	20	Gold	Gold	3.77	3.17	2.88	2.62	
151-5730	B	32	Tin	Gold	4.20	3.51	3.20	2.91	
151-5731	B	32	Gold	Gold	5.99	5.01	4.57	4.15	
151-5520	C	20	Tin	Gold	1.20	1.09	.99	.90	
151-5521	C	20	Gold	Gold	1.32	1.21	1.09	1.00	
151-5530	C	32	Tin	Gold	1.61	1.47	1.33	1.21	
151-5531	C	32	Gold	Gold	1.78	1.63	1.47	1.35	

AUGAT SIP BREAK-A-WAY SOCKET TERMINAL STRIPS

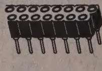
- Gold plated contacts
- 10 pin strips
- .100" grid spacing

MEETS MIL SPECS ™

MOUSER STOCK NO.	Type	Sleeve Plating	Price Each			
			1	100	500	1000
506-510-AG91D	PC mount	Tin	1.11	1.00	.90	Call For Quote
506-510-AG91F	Wirewound	Tin	1.88	1.73	1.56	
506-510-AG90D	PC mount	Gold	1.52	1.39	1.25	
506-510-AG90F	Wirewound	Gold	2.46	2.25	2.04	

HI-REL ZIG ZAG SOCKETS WITH MACHINED CONTACTS

Features:
- Tapered entry socket
- Machined 4 finger inner contact and outer sleeve
- High shock and vibration resistance

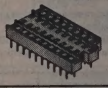


Specifications:
- Flammability rating: UL 94V-0
- Contact material: beryllium copper
- Contact rating: 3.0 amp
- Contact resistance: <4mΩ
- Contact spacing: .100"
- Temperature range: -55°C to +125°C

MOUSER STOCK NO.	No. of Contacts	Contact Plating	Body Width (In.)	Body Length (In.)	Price Each				
					1	100	500	1000	5000
151-116T	16	Tin	.20	.82	1.04	.80	.73	.67	Call For Quote
151-118T	18	Tin	.20	.92	1.18	.90	.82	.75	
151-120T	20	Tin	.20	1.02	1.20	1.01	.92	.83	
151-124T	24	Tin	.20	1.26	1.45	1.21	1.10	1.00	
151-128T	28	Tin	.20	1.40	1.69	1.41	1.28	1.17	

DRAM OPTION SOCKETS

Specifications:
- Flammability rating: UL 94V-0
- Contact material: phosphor bronze
- Contact rating: 1.0 amp
- Contact resistance: 1.0mΩ
- Temperature range: -65°C to +150°C



MOUSER STOCK NO.	No. of Pins	Contact Plating	Body Width (In.)	Row to Row (In.)	Body Length (In.)	Price Each				
						1	100	500	1000	5000
151-9218	16-18	Tin	.50	.40	.90	.59	.45	.41	.38	Call
151-9220	18-20	Tin	.50	.40	1.0	.66	.51	.46	.42	

Transistor Sockets, Kits, and Hardware

Sockets for TO-66 Case

- Space savings
- Easier servicing
- Labor saving
- Simpler mounting

MOUSER STOCK NO.	Fig.	Case Type	Top Plate Material	Standoff Height (In.)	Price Each			
					1	10	100	500
534-4611	A	TO-66	Molded nylon	.03	1.66	1.38	1.25	Call For Quote
534-4612	A	TO-66	Molded nylon	.045	1.66	1.38	1.25	
534-4614	A	TO-66	Molded nylon	.09	1.66	1.38	1.25	
534-4615	B	TO-66	Phenolic	- - -	1.47	1.28	1.14	
534-4625	C	TO-66	Molded nylon	.08	1.73	1.44	1.33	

Sockets for TO-3 Case

MOUSER STOCK NO.	Fig.	Case Type	Top Plate Material	Standoff Height (In.)	1	10	100	500
534-4601	D	TO-3	Molded nylon	.09	.64	.58	.51	Call For Quote
534-4602	D	TO-3	Molded nylon	.045	.65	.59	.52	
534-4603	D	TO-3	Molded nylon	.03	.69	.64	.54	
534-4606	E	TO-3	Phenolic	- - -	.72	.67	.59	
534-4600	F	TO-3	Molded nylon	.09	.72	.67	.59	

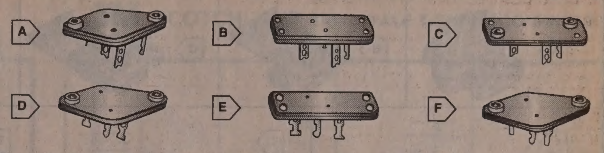


Figure No. A and D (Solder Type Terminals)
These sockets are held underneath the chassis and the transistor is inserted into the socket, holding the assembly in position.

Figure No. B, C, and E (Solder Type Terminals)
Pre-assembling the socket to the chassis by eyelets or rivets, permits the installation of the transistor at a later stage in the assembly.

Figure No. F (PC Type Terminals)
Easily assembled on PC board, stops on PC terminals provide sufficient spacing for proper assembly of transistor to socket.

MOUNTING KITS

Socket mounting kits for TO-3 and TO-66 power transistors

These pre-packed universal mounting kits provide all the necessary hardware and insulators required to securely mount transistors to the chassis.

Features:

- Labor saving
- Easier mounting to chassis
- Better thermal efficiency
- Avoids soldering directly to the transistor
- Easier to service

Transistor Sockets

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
534-4732	A	TO-3 kit includes 2 #6-20 screws, 1 mica insulator, 1 Stock No. 534-4602 transistor socket	1.25	1.04	.93
534-4734	B	TO-3 kit includes 2 #6-20 screws, 1 mica insulator, 4 nylon bushings, 1 Stock No. 534-4606 transistor socket	1.37	1.14	1.01
534-4736	A	TO-66 kit includes 2 #6-20 screws, 1 mica insulator, 1 Stock No. 534-4612 transistor socket	1.61	1.34	1.22
534-4738	B	TO-66 includes 2 #6-20 screws, 1 mica insulator, 4 nylon bushings 1 Stock No. 534-4615 transistor socket	1.61	1.34	1.22
534-4616	C	Nylon Power transistor mount	.13	- - -	.065

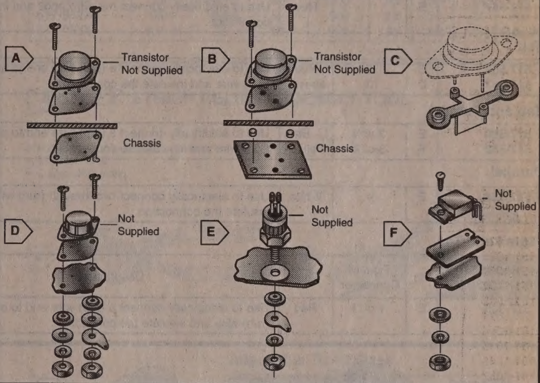
Semiconductor Hardware

MOUSER STOCK NO.	Fig.	Description	1	10	100
534-4725	D	Kit for TO-3 case includes 2 #6-32 screws, 1 mica insulator, 2 shoulder washers, 2 metal washers, 1 solder terminal, 2 lockwashers and 2 #6-32 nuts	.83	.69	.64
534-4726	D	Kit for TO-66 case includes 2 #6-32 screws, 1 mica insulator, 2 shoulder washers, 2 metal washers, 1 solder terminal, 2 lockwashers and 2 #6-32 nuts	.83	.69	.64
534-4729	E	Kit for DO-4, TO-59, TO-60 and TO-62 cases includes 1 mica insulator, 1 shoulder washer, 1 solder terminal, 1 lockwasher, and 1 #10-32 nut	.83	.69	.64
534-4730	E	Kit for DO-5, TO-48 and TO-61 cases includes 1 mica insulator, 1 shoulder washer, 1 solder terminal, 1 lockwasher and 1 1/4-28 nut	.83	.69	.64
534-4724	F	Kit for TO-220 case includes 1 #4-40 screw, 1 mica insulator, 1 shoulder washer, 1 lockwasher & 1 #4-40 nut	.83	.69	.64

Order 534-4732 for TO-3 kit
Order 534-4736 for TO-66 kit

Order 534-4734 for TO-3 kit
Order 534-4738 for TO-66 kit

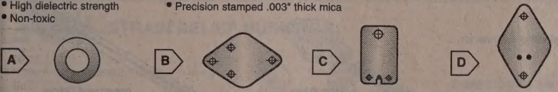
Molded Nylon: 534-4616



TRANSISTOR MICA INSULATORS

Features:

- Rapid heat dissipation
- High dielectric strength
- Non-toxic
- Low cost
- Precision stamped .003" thick mica



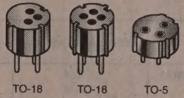
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Description	Price Each		
				1	100	500
534-4681	A	10	For use with transistor cases with threaded stud	.06	.028	.025
534-4682	A	1/4	For use with transistor cases with threaded stud	.07	.031	.028
534-4651	B	- - -	For use with TO-3 case transistor	.08	.042	.038
534-4672	C	- - -	For use with TO-220 case transistor	.08	.042	.038
534-4666	D	- - -	For use with various TO-66 cases	.08	.042	.038

SMALL SIGNAL TRANSISTOR SOCKETS

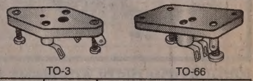
Specifications:

- Flammability rating: UL94V-0
- Material: 30% glass filled polyester
- Contact material: Phosphor bronze
- Contact rating: 1.0 amp
- Contact resistance: 10mΩ
- Temperature range: -65°C to +150°C
- Pin circle diameter: 0.2



MOUSER STOCK NO.	Case Style	No. of Pins	Contact Plating	Price Each				
				1	100	500	1000	5000
151-TO-18320G	TO-18	3	Gold	.72	.57	.52	.47	Call For Quote
151-TO-18420G	TO-18	4	Gold	.87	.68	.62	.56	
151-TO-5320G	TO-5	3	Gold	.72	.57	.52	.47	

POWER TRANSISTOR SOCKETS

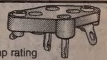


Specifications:

- Material: Phenolic resin
- Contact material: Phosphor bronze
- Contact rating: 5.0amp
- Contact resistance: 10mΩ
- Temperature range: -33°C to +105°C

MOUSER STOCK NO.	Case Style	Contact Plating	Price Each			
			1	100	500	1000
151-TO-360T	TO-3	Tin	2.00	1.82	1.65	1.50
151-TO-660T	TO-66	Tin	1.60	1.34	1.22	1.10

AUGAT TO-3 POWER TRANSISTOR SOCKETS



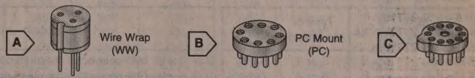
10 amp rating

Features:

- Temperature rating: 170°C max.
- Insulation resistance: 500MΩ
- Breakdown voltage: 800V RMS
- Contact resistance: 10mΩ max.
- Current rating: 10 amp max.
- Force: 12oz. average retention

MOUSER STOCK NO.	Lead Dia. (In.)	Contact Plating	Price Each	
			1	100
506-8080-1G24	.040	Tin	2.12	Call For Quote
506-8080-1G25	.040	Gold	3.25	
506-8080-1G35	.060	Tin	3.10	

AUGAT LOW PROFILE TRANSISTOR AND IC SOCKET

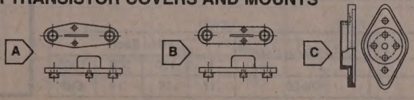


MOUSER STOCK NO.	Fig.	Type Leads	No. of Contacts	Contact Plating	Sleeve Plating	Insulator Color	Price Each	
							1	100
506-M8058-1G62	A	WW	3	Gold	Gold	White	3.02	Call For Quote
506-8058-1G59	B	PC	3	Gold	Gold	Brown	5.18	
506-8058-1G49	B	PC	8	Gold	Gold	Brown	6.10	
506-M8059-2G9	C	PC	10	Gold	Gold	Yellow	6.60	

EAGLE POWER TRANSISTOR COVERS AND MOUNTS

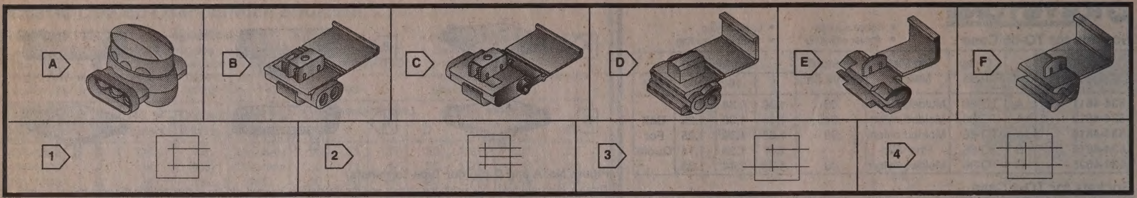
Features

- Simplifies mounting and installation
- Improved thermal efficiency
- Heavy duty type 66 nylon



MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	1000	5000
561-E001	A	TO-3 Power transistor mount	.43	.16	.11	Call For Quote
561-E002	B	TO-66 power transistor mount	.43	.16	.11	
561-E003	C	TO-3 power transistor cover	.94	.35	.23	
561-E004	C	TO-66 power transistor cover	.94	.35	.23	

3M Scotchlok™ IDC Wire Connectors



INSULATION DISPLACEMENT CONNECTORS

NEW IN'95

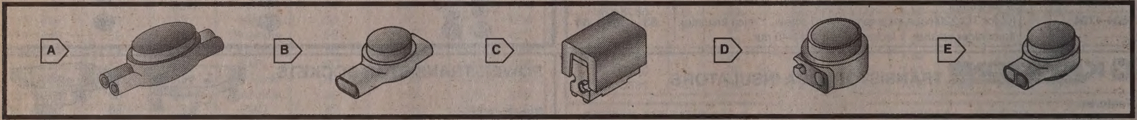
Pigtail - 2 or 3 Wire

∗ Flame retardant

MOUSER STOCK NO.	Fig.	Type of Connector	Color	Description	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	Price Each			
								1	100	500	1000
∗ 517-314	A	1 or 2	Blue	Use to electrically connect two or three wire ends, insulate the connection and provide a moisture resistant seal	22-14	.150	105°C	.40	.35	.32	Call For Quote
∗ 517-314U	A	1 or 2	White	Use to electrically connect two or three wire ends and insulate the connection.	22-14	.150	105°C	.30	.26	.24	
Pigtail											
∗ 517-557	B	1	Red	Use to electrically connect two wire ends and insulate the connection.	22-16	.120	105°C	.31	.28	.22	Call
Tap											
∗ 517-558	C	3	Red	Use to electrically connect a (tap) wire end to a through (run) wire and insulate the connection.	22-16	.120	105°C	.32	.29	.23	Call
∗ 517-567	D	3	Brown		18-14 Tap, 12-10 Run	.145 Tap, .190 Run	105°C	.22	.19	.17	
Tap and Parallel											
∗ 517-560	E	3 or 4	Lt. Blue	Use to electrically connect a (tap) wire end to a through (run) wire and insulate the connection.	18-14	.145	105°C	.36	.33	.26	Call
517-562	F	3 or 4	Yellow		12, 10 Stranded Only	.190	90°C	.16	.14	.13	
Parallel											
517-564	E	4	White	Use to electrically connect two through (run) wires and insulate the connection.	18-14	.145	- - - -	.08	.07	.066	Call

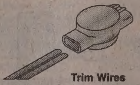
Pigtail and Tap

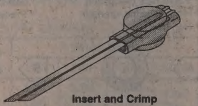
MOUSER STOCK NO.	Fig.	Type of Connector	Color	Description	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	Price Each			
								1	100	500	1000
517-905	E	1 or 3	Red	Use to electrically connect a (tap) wire end to a through (run) wire and insulate the connection.	22-18 Tap 18-14 Run	.110 .145	- - - -	.26	.24	.19	Call



INSULATION DISPLACEMENT CONNECTORS FOR COMMUNICATION

- May be used on standard polyethylene wire insulation, the polypropylene insulation of filled cable, and on pulp
- Use of a connector is limited only to wire range and port size
- Wire sizes may be intermixed within a connector


Trim Wires


Insert and Crimp

Full-Pair Connector

MOUSER STOCK NO.	Fig.	Type of Connector	Color	Description	Wire (AWG) Solid	Price Each			
						1	100	500	1000
517-U1B	A	1	Blue	Full-pair connection	16-19	1.40	1.23	1.12	Call
517-U1R	A	1	Red	Full-pair connection	19-24	1.46	1.28	1.17	

Four-Way Bridging Connector

MOUSER STOCK NO.	Fig.	Type of Connector	Color	Description	Wire (AWG) Solid	1	100	500	1000
517-U1Y	A	2	Yellow	Four-way bridging connection	16-19	1.98	1.73	1.58	Call

2 or 3 Wire Butt Connector

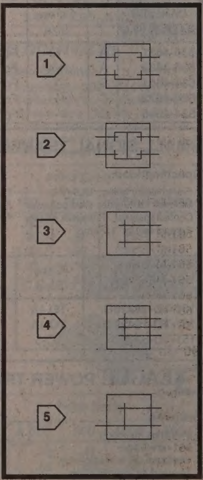
MOUSER STOCK NO.	Fig.	Type of Connector	Color	Description	Wire (AWG) Solid	Price Each			
						1	100	500	1000
517-UAL	B	3 or 4	Gray	2 or 3 wire butt connector for aluminum and filled cable	17-24	.24	.21	.19	Call For Quote
517-ULG	B	3 or 4	Green	2 or 3 wire butt connector for filled cable	19-24	.20	.18	.16	
517-UR20074	B	3 or 4	Red	2 or 3 wire butt connector	19-26	.20	.18	.16	

Tap Connector

MOUSER STOCK NO.	Fig.	Type of Connector	Color	Description	Wire (AWG) Solid	Price Each			
						1	100	500	1000
517-UB	C	5	Blue	Tap connector	22-26	.23	.21	.20	Call
517-UG20082	D	5	Green	Tap connector	19-26	.23	.21	.19	

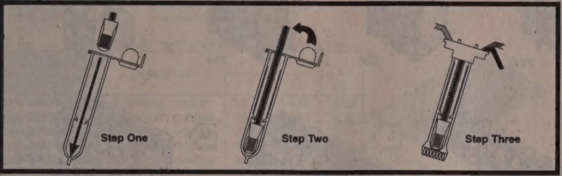
2-Wire Butt Connector

MOUSER STOCK NO.	Fig.	Type of Connector	Color	Description	Wire (AWG) Solid	Price Each			
						1	100	500	1000
517-UY14911	E	3	Yellow	2 wire butt connector	22-26	.17	.15	.14	Call



IDC Connectors, Tools, and Hardware

3M SCOTCHLOK™ DIRECT BURIAL SPLICE KITS



These 3M Scotchlok™ direct burial splice kits splice and effectively moisture seal two or more conductors for remote control circuits in irrigation and landscape lighting systems. DBY-6 and DBR-6 are UL listed for direct burial splices.

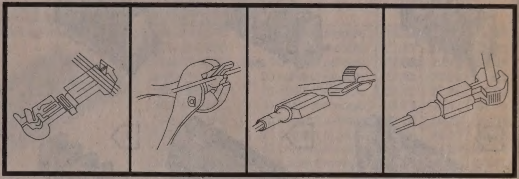
*

E102356

Connectors

MOUSER STOCK NO.	Common Wire AWG Combinations	Volts	Splices Per Kit	Price Each			
				1	100	500	1000
517-DBY-6	2 #18, 2 #12	600	2	**2.25**	**2.13**	**2.06**	**Call For Quote**
517-DBY	2 #18, 2 #12	30	2	**1.75**	**1.64**	**1.58**	
517-DBR-6	7 #18, 4 #12, 3#10	600	2	**2.45**	**2.31**	**2.23**	
517-DBR	7 #18, 4 #12, 3#10	30	2	**1.85**	**1.73**	**1.67**	

3M SCOTCHLOK™ IDC FEMALE T-TAP DISCONNECTS



- Quick, easy connection
- No messy tape to tangle
- No cutting and stripping the wire

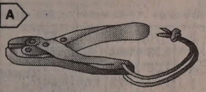
Mates with standard .250 x .032 male blade

MOUSER STOCK NO.	Color	Wire (AWG)	Standard Package		Price Each			
			Box	Case	1	100	500	1000
517-951X	Red	22-18	50	500	**.33**	**.30**	**.24**	**Call For Quote**
517-952X	Blue	18-14	50	500	**.33**	**.30**	**.24**	
517-953X	Yellow	12	50	100	**.38**	**.35**	**.27**	

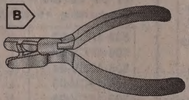
3M SCOTCHLOK™ IDC CRIMP TOOLS

3M Scotchlok™ communications connectors may be used on standard polyethylene wire insulation, the polypropylene insulation of filled cable, and on pulp. Use of connector is limited only to wire range and port size. Wire sizes may be intermixed within a connector.

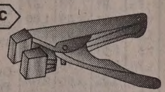
A



B



C



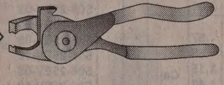
- Solid wire

MOUSER STOCK NO.	Fig.	Description	Price Each
517-E9BM	A	Adjust. jaws crimp tool for use with all IDC, and U series connectors	**43.79**
517-E9E	B	Parallel action for use with UAL, UG, UR, UY, UB connectors	**19.95**
517-E9Y	C	Stepped jaws for use with UAL, UG, UR, UY, UB connectors	**19.95**

EAGLE STRAIN RELIEF ASSEMBLY TOOL

- Makes bushing installation a "breeze"
- One tool fits all
- Cushioned handles

A



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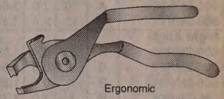


Ergonomic

Adjustable To All Sizes

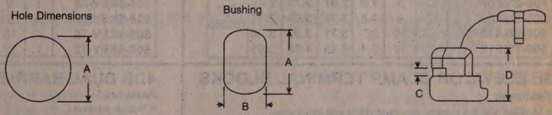
MOUSER STOCK NO.	Fig.	Price Each	
		1	5
561-M0022	A	**55.98**	**Call**
561-M0023	B	**55.98**	

EAGLE STRAIN RELIEF BUSHINGS

- Holes with flats prevent rotation of bushing

E96397 LR60335

DIMENSIONS (IN.)



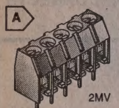
Black Nylon

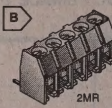
MOUSER STOCK NO.	Cable Cross Section	Cables Accommodated						Dimensions (In.)				Price Each		
		Cable Type	Height		Width		Dia.	Mounting Hole		Max. Panel Thickness	Bushing Length			
			Min.	Max.	Min.	Max.		A	B	C	D	1	100	1000
561-MP3P4	Flat	SP-1, SPT-1	.120	.120	.222	.222	- - -	.437	.390	.062	.410	**.08**	**.046**	**Call For Quote**
561-MP4K1	Flat	SPT-2, HPN	.150	.160	.280	.400	- - -	.500	.460	.095	.495	**.12**	**.066**	
561-MP4K4	Flat	SPT-1, SPT-2, HPN	.120	.120	.300	.300	- - -	.500	.465	.100	.406	**.09**	**.054**	
561-MP4N4	Flat	SPT-1, SPT-2, HPN	.120	.120	.300	.300	- - -	.500	.465	.062	.406	**.12**	**.066**	
561-MP5K4	Flat	SPT-2	.150	.150	.160	.160	- - -	.562	.530	.125	.609	**.16**	**.094**	
561-MP30-1	Flat	SPT-2, SPT-1	.120	.160	.300	.410	- - -	.560	.730	.125	.670	**.19**	**.108**	
561-MP5N4	Round	SV, SVT, HPD	- - -	- - -	- - -	- - -	.290	.500	.450	.062	.438	**.09**	**.054**	
561-MP5P4	Round	SV, SVT, HPD	- - -	- - -	- - -	- - -	.290	.500	.450	.100	.438	**.09**	**.049**	
561-MP6N34	Round	SJ, SJT	- - -	- - -	- - -	- - -	.430	.625	.550	.062	.580	**.19**	**.109**	
561-MP6N4	Round	SJT, SJO	- - -	- - -	- - -	- - -	.300	.625	.550	.062	.580	**.19**	**.109**	
561-MP6P34	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.360	.625	.550	.125	.580	**.16**	**.078**	**Call For Quote**
561-MP6P4	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.300	.625	.550	.125	.580	**.19**	**.096**	
561-MP6W1	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.300	.500	.465	.090	.437	**.12**	**.058**	
561-MP7W20	Round	SJT, S, STO	- - -	- - -	- - -	- - -	.430	.875	.770	.125	.750	**.30**	**.148**	

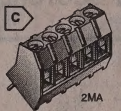
90° Angle Style

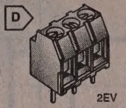
MOUSER STOCK NO.	Cable Cross Section	Cables Accommodated						Dimensions (In.)				Price Each		
		Cable Type	Height		Width		Dia.	Mounting Hole		Max. Panel Thickness	Bushing Length			
			Min.	Max.	Min.	Max.		A	B	C	D	1	100	1000
561-MP13L1	Flat	SP-1	.120	.120	.220	.220	- - -	.437	.390	.062	.050	**.15**	**.087**	**Call For Quote**
561-MP14L1	Flat	SPT-2, HPN	.150	.160	.280	.300	- - -	.500	.450	.100	.687	**.18**	**.102**	
561-MP15L1	Round	SV	- - -	- - -	- - -	- - -	.265	.500	.450	.100	.687	**.18**	**.102**	

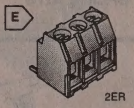
AUGAT RDI Terminal Blocks

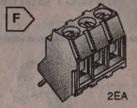


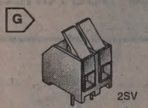


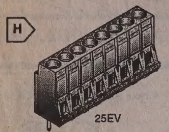


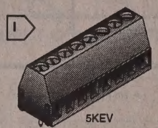


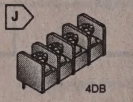


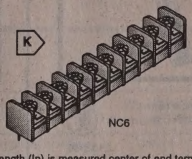


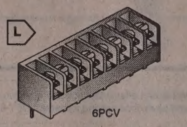


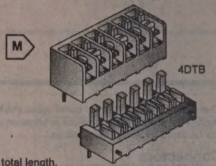












Length (In) is measured center of end terminal to center of end terminal add .200 for total length.

2M SUBMINIATURE SERIES

Features:
- Subminiature .5" height
- 3-48 screws on .2" centers
- 20 amp rating
- 12-22 AWG wire range

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
Vertical							
506-2MV02	A	2	0.4	.61	.55	.51	Call For Quote
506-2MV03	A	3	0.6	.91	.82	.76	
506-2MV04	A	4	0.8	1.22	1.10	1.01	
506-2MV05	A	5	1.0	1.52	1.37	1.26	
506-2MV06	A	6	1.2	1.82	1.66	1.51	
506-2MV07	A	7	1.4	2.13	1.94	1.77	
506-2MV08	A	8	1.6	2.43	2.21	2.01	
506-2MV09	A	9	1.8	2.73	2.48	2.26	
506-2MV10	A	10	2.0	3.04	2.77	2.52	
506-2MV12	A	12	2.4	3.64	3.31	3.01	
Right Angle							
506-2MR02	B	2	0.4	.69	.63	.57	Call For Quote
506-2MR03	B	3	0.6	1.04	.95	.86	
506-2MR04	B	4	0.8	1.38	1.26	1.15	
506-2MR05	B	5	1.0	1.73	1.57	1.43	
506-2MR06	B	6	1.2	2.07	1.88	1.71	
506-2MR08	B	8	1.6	2.76	2.51	2.28	
506-2MR10	B	10	2.0	3.45	3.14	2.86	
506-2MR12	B	12	2.4	4.14	3.77	3.43	
45° Angle							
506-2MA02	C	2	0.4	.74	.67	.62	Call For Quote
506-2MA03	C	3	0.6	1.11	1.01	.93	
506-2MA04	C	4	0.8	1.49	1.34	1.23	
506-2MA05	C	5	1.0	1.86	1.68	1.54	
506-2MA06	C	6	1.2	2.23	2.03	1.85	
506-2MA07	C	7	1.4	2.60	2.37	2.16	
506-2MA08	C	8	1.6	2.97	2.70	2.46	
506-2MA09	C	9	1.8	3.34	3.04	2.77	
506-2MA10	C	10	2.0	3.71	3.38	3.08	
506-2MA12	C	12	2.4	4.46	4.06	3.69	

2E ELEVATOR CLAMP TERMINAL BLOCKS

Features:
- Modular housing permits end-stackability and interlocking
- 12-22 AWG wire range
- 20 amp rating
- 3-48 screws on .2" centers

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
Vertical							Call For Quote
506-2EV02	D	2	0.4	.64	.58	.53	
506-2EV03	D	3	0.6	.96	.87	.79	
506-2EV04	D	4	0.8	1.28	1.16	1.06	
Right Angle							Call For Quote
506-2ER02	E	2	0.4	.64	.58	.53	
506-2ER03	E	3	0.6	.96	.87	.79	
45°Angle							
506-2EA02	F	2	0.4	.64	.58	.53	
506-2EA03	F	3	0.6	.96	.87	.79	
506-2EA04	F	4	0.8	1.28	1.16	1.06	

2SV SCREWDRIVER-LESS SERIES

Features:
- New tool-less design
- Subminiature .45" height
- .2" spacing
- 18-24 AWG wire range
- 20 amp rating

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-2SV-02	G	2	0.4	.54	.48	.45	Call For Quote
506-2SV-03	G	3	0.6	.81	.73	.67	
506-2SV-04	G	4	0.8	1.07	.97	.89	
506-2SV-05	G	5	1.0	1.34	1.21	1.11	
506-2SV-09	G	9	1.8	2.41	2.17	2.00	

EURO PCB TERMINAL BLOCK

Specifications:
- Rating: 10 amp/300V, 15 amp/150V
- Wire range: 10-22 AWG (25EV Series),
  12-22 AWG (5KEV Series)
- Flammability: UL94V-0
- Color: phoenix green

LR30811 E54800

Competitive Cross Reference	
PHOENIX MKDS5/XX 6.36 PHOENIX MKDS3/XX	AUGAT/RDI 25EV-XX AUGAT/RDI 5KEV-XX

25EV Series

M3 screws on .250" (6.35mm) centers

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-25EV-02	H	2	.75	.81	.73	.67	Call For Quote
506-25EV-03	H	3	1.0	1.21	1.09	1.00	
506-25EV-04	H	4	1.25	1.61	1.45	1.34	
506-25EV-05	H	5	1.5	2.01	1.81	1.67	
506-25EV-06	H	6	1.75	2.41	2.18	2.01	Call For Quote
506-25EV-08	H	8	2.25	3.22	2.90	2.67	
506-25EV-10	H	10	2.75	4.02	3.63	3.34	
506-25EV-12	H	12	3.25	4.82	4.35	4.01	

5KEV Series

M2.6 screws on .197" (5mm) centers

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-5KEV-02	I	2	.589	.64	.58	.53	Call For Quote
506-5KEV-03	I	3	.787	.96	.87	.73	
506-5KEV-04	I	4	.994	1.28	1.16	1.06	
506-5KEV-05	I	5	1.181	1.60	1.44	1.33	
506-5KEV-06	I	6	1.378	1.92	1.73	1.60	
506-5KEV-08	I	8	1.776	2.52	2.31	2.13	
506-5KEV-10	I	10	2.166	3.20	2.89	2.66	
506-5KEV-12	I	12	2.56	3.84	3.47	3.19	

4DB DUAL BARRIER SERIES

Features:
- Thicker barriers
- 6-32 screws on .325" centers
- New combo head screws (P107 series only)
- 14-22 AWG wire range
- 20 amp rating

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-4DB-P107-02	J	2	.585	.42	.38	.35	Call For Quote
506-4DB-P107-04	J	4	1.235	.70	.63	.58	
506-4DB-P107-06	J	6	1.885	.98	.88	.81	
→ 506-4DB-P107-08	J	8	2.535	1.25	1.13	1.04	
506-4DB-P102-08	J	8	2.535	.89	.78	.77	
506-4DB-P107-10	J	10	3.185	1.53	1.38	1.27	
506-4DB-P107-12	J	12	3.835	1.81	1.63	1.50	

NC6 HEAVY DUTY MINI SERIES

Features:
- Thicker barriers
- 6-32 screws on .375" centers
- New combo head screws (P107 series only)
- 12-22 AWG wire range
- 20 amp rating

† Like P107 except with wire clamp

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-NC6-P107-02	K	2	.815	.37	.34	.31	Call For Quote
506-NC6-P107-03	K	3	1.19	.56	.51	.47	
506-NC6-P107-04	K	4	1.565	.75	.68	.62	
506-NC6-P107-05	K	5	1.94	.94	.85	.78	
506-NC6-P107-06	K	6	2.315	1.12	1.01	.93	
→ 506-NC6-P102-08	K	8	3.065	1.05	.93	.89	
506-NC6-P107-08	K	8	3.065	1.50	1.35	1.25	
† 506-NC6-P108-12	K	12	4.565	3.15	2.84	2.62	

PCV TRI-BARRIER SERIES

3 PCV Series

- 5 amp rating
- 18-22 AWG wire range
- 3-48 screws on .250" centers

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-3PCV-02	L	2	.57	.76	.68	.63	Call For Quote
506-3PCV-03	L	3	.82	1.14	1.03	.95	
506-3PCV-04	L	4	1.07	1.51	1.37	1.26	
506-3PCV-05	L	5	1.32	1.89	1.71	1.57	
506-3PCV-06	L	6	1.57	2.27	2.05	1.89	
506-3PCV-07	L	7	1.82	2.65	2.39	2.20	Call For Quote
506-3PCV-08	L	8	2.07	3.03	2.73	2.52	
506-3PCV-09	L	9	2.32	3.41	3.07	2.83	
506-3PCV-10	L	10	2.57	3.79	3.42	3.15	

4 PCV Series

- 20 amp rating
- 14-22 AWG wire range
- 4-40 screws on .325" center

506-4PCV-02	L	2	.705	.69	.62	.57	Call For Quote
506-4PCV-03	L	3	1.03	1.04	.93	.86	
506-4PCV-04	L	4	1.35	1.38	1.24	1.14	
506-4PCV-05	L	5	1.68	1.73	1.56	1.44	
506-4PCV-06	L	6	2.00	2.07	1.87	1.72	
506-4PCV-07	L	7	2.33	2.42	2.18	2.01	Call For Quote
506-4PCV-08	L	8	2.65	2.62	2.49	2.30	
506-4PCV-09	L	9	2.98	3.11	2.80	2.58	
506-4PCV-10	L	10	3.30	3.45	3.12	2.87	

6 PCV Series

- 25 amp rating
- 12-22 AWG wire range
- 6-32 screws on .375" center

506-6PCV-02	L	2	.815	.64	.58	.53	Call For Quote
506-6PCV-03	L	3	1.19	.96	.87	.80	
506-6PCV-04	L	4	1.56	1.28	1.16	1.06	
506-6PCV-05	L	5	1.94	1.60	1.45	1.33	
506-6PCV-06	L	6	2.31	1.92	1.73	1.60	
506-6PCV-07	L	7	2.69	2.24	2.02	1.86	
506-6PCV-08	L	8	3.06	2.56	2.31	2.13	
506-6PCV-09	L	9	3.44	2.88	2.60	2.40	Call For Quote
506-6PCV-10	L	10	3.81	3.20	2.89	2.66	
506-6PCV-12	L	12	4.56	3.84	3.47	3.20	
506-6PCV-14	L	14	5.31	4.48	4.05	3.73	
506-6PCV-16	L	16	6.06	5.13	4.62	4.26	

8 PCV Series

- 30 amp rating
- 10-18 AWG wire range
- 8-32 screws on .4375" centers

506-8PCV-02	L	2	.948	.77	.69	.64	Call For Quote
506-8PCV-03	L	3	1.38	1.15	1.04	.95	
506-8PCV-04	L	4	1.82	1.53	1.38	1.27	
506-8PCV-05	L	5	2.26	1.91	1.73	1.59	
506-8PCV-06	L	6	2.70	2.30	2.07	1.91	
506-8PCV-07	L	7	3.13	2.68	2.42	2.23	
506-8PCV-08	L	8	3.57	3.06	2.76	2.54	
506-8PCV-09	L	9	4.01	3.44	3.11	2.86	
506-8PCV-10	L	10	4.44	3.83	3.45	3.18	

4DTB DEPLUGGABLE SERIES

Features:
- Tri-barrier construction
- 2 piece depluggable design
- 20 amp rating
- 14-22 AWG wire range
- 4-40 screws on .325" centers

Depluggable assembly includes terminal block and PCB header.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-4DTB-04	M	4	1.35	1.66	1.50	1.38	Call For Quote
506-4DTB-05	M	5	1.68	2.08	1.88	1.73	
506-4DTB-06	M	6	2.01	2.50	2.25	2.08	
506-4DTB-07	M	7	2.33	2.91	2.63	2.42	
506-4DTB-08	M	8	2.66	3.33	3.00	2.77	
506-4DTB-09	M	9	2.98	3.47	3.12	2.95	

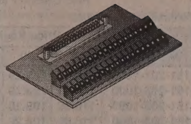
Terminal Blocks and Modules

AUGAT D-SUB CONNECTOR MODULE

Features:
- 20 amp rating
- 12-22 AWG wire
- Converts standard industry connectors to field wiring

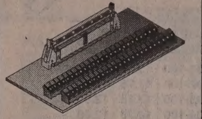
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	10	25
506-2M09DSM	9 contact module	16.20	14.43	13.63
506-2M15DSM	15 contact module	19.44	17.31	16.35
506-2M25DSM	25 contact module	23.97	21.35	20.16
506-2M37DSM	37 contact module	29.68	26.47	25.00
506-2M50DSM	50 contact module	50.78	45.25	42.73



AUGAT FLAT CABLE CONNECTOR MODULE

Features:
- 20 amp rating
- 12-22 AWG wire
- Converts standard industry connectors to field wiring



For quantities greater than listed, call for quote.

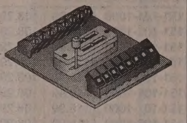
MOUSER STOCK NO.	Description	Price Each		
		1	10	25
506-2M10FC	10 contact module	19.44	17.31	16.35
506-2M14FC	14 contact module	21.87	19.48	18.40
506-2M16FC	16 contact module	22.61	20.13	19.01
506-2M20FC	20 contact module	25.68	22.88	21.61
506-2M26FC	26 contact module	30.72	27.35	25.83
506-2M34FC	34 contact module	37.74	33.61	31.75
506-2M40FC	40 contact module	42.89	38.20	36.08
506-2M50FC	50 contact module	52.04	46.36	43.78
506-2M60FC	60 contact module	61.36	54.68	51.64
506-2M64FC	64 contact module	63.53	56.60	53.45

AUGAT ZIF DIP SOCKET MODULE

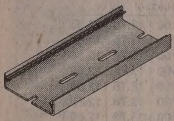
Features:
- Zero insertion force
- 20 amp rating
- 12-22 AWG wire
- Converts connectors to field wiring

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	10	25
506-2M16DPZ	16 contact module	23.89	21.29	20.11
506-2M24DPZ	24 contact module	30.72	27.35	25.83
506-2M40DPZ	40 contact module	45.08	40.15	37.92



AUGAT SNAPTRACK™ MOUNTING CHANNEL



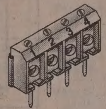
Snaptrack™ is a non-conductive, rigid extruded PVC chassis used for mounting Augat connector modules. Snaptrack™ mounting channel can be attached to panels with screws, rivets or double face tape permitting quick and easy PCB removal for field servicing. Snaptrack™ is available from stock in 6" and 12" lengths. Up to 48" are available ... Call (800) 346-6873.

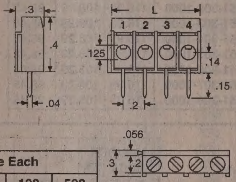
MOUSER STOCK NO.	Description	Price Each		
		1	10	25
506-2TK2-6	6" length	1.09	1.02	.99
506-2TK2-12	12" length	1.94	1.82	1.76

ENCLOSED TERMINAL BLOCKS FOR PC MOUNTING

Nickel plated brass terminals completely surround the wire end, hold it securely in place, and eliminate the need for lugs. Each position is numbered for easy identification.

Specifications:
- .200" pin spacing
- Nominal current load up to 6 amps
- Housing of gray polyamid/nylon
- fiber glass reinforced
- Maximum temperature: +150°C
- Low profile
- PC mounting pins





- **End buttable with interlocking dovetail**
- **Accepts solid or stranded wire 14 AWG to 24 AWG**

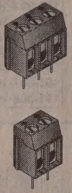
MOUSER STOCK NO.	Position	L	Price Each			
			1	10	100	500
153-2502	2	.4	1.39	1.14	1.04	Call For Quote
153-2503	3	.6	1.89	1.58	1.44	
153-2504	4	.8	2.37	1.97	1.78	
153-2505	5	1.0	2.81	2.34	2.13	
153-2506	6	1.2	3.46	2.88	2.63	
153-2512	12	2.4	5.30	4.41	3.99	

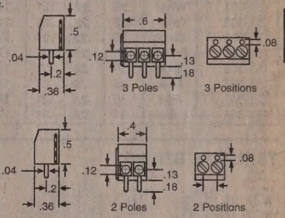
DIMENSIONS (IN.)

ENCLOSED TERMINAL BLOCKS

Nickel plated brass terminals completely surround the wire end, hold it securely in place, and eliminate the need for lugs. Each position is numbered for easy identification.

Specifications:
- Test point for pin probe
- .200" pin spacing
- Nominal load 13 amps @ 250VAC
- Housing of black polyamid/nylon fiber glass reinforced
- Temperature range: -30°C to +120°C





- **PC mounting**
- **End buttable with interlocking dovetail**

DIMENSIONS (IN.)

MOUSER STOCK NO.	Position	Price Each			
		1	10	100	500
153-2102	2	.99	.77	.70	Call
153-2103	3	1.38	1.15	1.05	

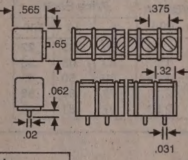
COOPER USD Products **MAGNUM®**

SINGLE ROW PCB BARRIER TERMINAL BLOCKS

New 504-LP2022 series "low profile" single row terminal strips feature low silhouette barriers for "tight" packaging situations. Standard advantages of theses single row terminal strips include: 3/8" centers, barrier ends, flat bases, standard top hardware are screws; bottom terminals are straight PC.

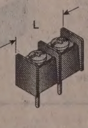
Specifications:
- Ul rated 250 volt @ 20 amps
- UL rated 94V-0 fire retardant
- thermoplastic bodies
- Operating temperature: -40°C to +150°C
- .375 spacing

DIMENSIONS (IN.)



Low profile PC mount terminal strips
- **20 amp**
- **3/8 centers**

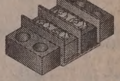
MOUSER STOCK NO.	Position	L	Price Each			
			1	10	100	500
504-LP2022-02	2	.75	.88	.73	.60	Call For Quote
504-LP2022-03	3	1.125	1.21	1.00	.91	
504-LP2022-04	4	1.5	1.53	1.27	1.15	
504-LP2022-05	5	1.875	1.83	1.51	1.37	
504-LP2022-06	6	2.25	2.12	1.75	1.59	
504-LP2022-07	7	2.625	2.45	2.02	1.89	
504-LP2022-08	8	3	2.74	2.27	2.06	
504-LP2022-09	9	3.375	3.07	2.53	2.30	
504-LP2022-10	10	3.75	3.39	2.79	2.54	Call For Quote
504-LP2022-11	11	4.125	3.69	305	2.77	
504-LP2022-12	12	4.5	3.98	3.29	2.99	



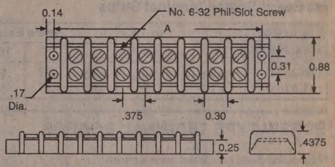
E62622 28145

COOPER USD Products **MAGNUM®**

DOUBLE ROW BARRIER TERMINAL BLOCKS



Specifications:
- Rating: 20 amp, 150V
- Breakdown voltage: 3600V
- Wiring: terminals will accept wire sizes through AWG #14
- Terminal screw size: #6-32
- Distance between barriers: 0.3"
- Molded material: UL 94V-0 thermoplastic
- Materials and finish: screws are steel, zinc plated. Terminals and accessories are tin plated brass
- Temperature rating: -40°C to +150°C



- **20 amp**
- **3/8 centers**

DIMENSIONS (IN.)

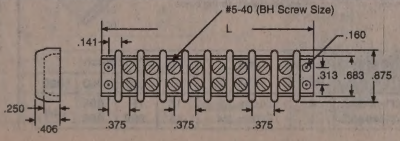
MOUSER STOCK NO.	Terminal	"A" Dim. (In.)	Price Each			
			1	10	100	500
504-TB100-02	2	1.12	.73	.61	.55	Call For Quote
504-TB100-04	4	1.88	1.24	1.02	.93	
504-TB100-06	6	2.62	1.82	1.51	1.37	
504-TB100-08	8	3.38	2.40	1.98	1.80	
504-TB100-10	10	4.12	2.98	2.46	2.24	
504-TB100-12	12	4.88	3.60	2.97	2.70	

E62622 28145

BARRIER TERMINAL BLOCKS

These terminal blocks are direct replacements for TRW cinch 140 series barrier blocks. Insulator material is molded phenolic. Eyelets are nickel plated brass, screws are nickel plated steel, 10 amp rated. Universal screw head fits slotted or phillips screwdriver.

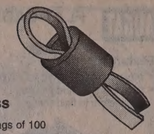
DIMENSIONS (IN.)



MOUSER STOCK NO.	Terminal	L	Price Each			
			1	10	100	500
15BB002	2	1.425	.49	.45	.41	Call For Quote
15BB004	4	2.175	.99	.85	.72	
15BB006	6	2.55	1.43	1.25	1.14	
15BB008	8	3.675	1.74	1.64	1.54	
15BB010	10	5.175	2.50	2.08	1.90	

Test Points and Terminals

TEST POINTS



Mouser printed circuit board terminals are ideal for use as test points and for raising hot components above the surface of the printed circuit board. When terminals are pressed through plated holes they will not damage the plating. The terminals will also remain in place even if the board is reversed for flow soldering.

MATERIAL:
Bead: Boro silicate sintered glass

Tag: Phosphor bronze B5384 solder tinned

Glass Bead				
Coeff	Density	Viscosity Poise °C	Log (OHM. CM)	Dielectric Properties
Therm. Expn x 10°/°C	g/cc	14.6 13 7.6	TR. DC. Resistivity	AT 1 MHZ AT 20°C
		10 10 10	100 250°C 350°C	Conts loss angle
4.94	2.27	475 515 719	365 10.01 8.2	5.7 0.003

Note: Coefficient of expansion is quoted for the range of 50°C to 300°C.

.055" Diameter Glass Insulator for 1/16" Board Thickness

For ordering less than 100 pieces

MOUSER STOCK NO.	Color	Price Each			
		1	10	25	50
151-201	White	.35	.28	.21	.17
151-202	Yellow	.35	.28	.21	.17
151-203	Black	.35	.28	.21	.17
151-204	Brown	.35	.28	.21	.17
151-205	Blue	.35	.28	.21	.17
151-206	Pink	.35	.28	.21	.17
151-207	Red	.35	.28	.21	.17
151-208	Green	.35	.28	.21	.17

For ordering bags of 100

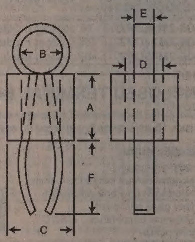
MOUSER STOCK NO.	Price Per 100	
	1	5
151-201-100	13.76	12.60
151-202-100	13.76	12.60
151-203-100	13.76	12.60
151-204-100	13.76	12.60
151-205-100	13.76	12.60
151-206-100	13.76	12.60
151-207-100	13.76	12.60
151-208-100	13.76	12.60

For ordering bags of 1000

MOUSER STOCK NO.	Price Each		
	1	10	25
151-201-1000	116.99	108.29	98.25
151-202-1000	116.99	108.29	98.25
151-203-1000	116.99	108.29	98.25
151-204-1000	116.99	108.29	98.25
151-205-1000	116.99	108.29	98.25
151-206-1000	116.99	108.29	98.25
151-207-1000	116.99	108.29	98.25
151-208-1000	116.99	108.29	98.25

3/32" Board thickness only}

Dimensions	
.055 BEAD (B) DIAMETER (INCHES)	.080 BEAD (B) DIAMETER (INCHES)
A= .120-.130	A= .112-.122
B= .051-.059	B= .080-.085
C= .087-.097	C= .113-.123
D= .042-.052	D= .059-.069
E= .020	E= .032
F= .109	F= .109
	F= .141



.080" Diameter Glass Insulator for 1/16" Board Thickness

For ordering less than 100 pieces

MOUSER STOCK NO.	Color	Price Each			
		1	10	25	50
151-101	White	.35	.28	.21	.17
151-102	Yellow	.35	.28	.21	.17
151-103	Black	.35	.28	.21	.17
151-104	Brown	.35	.28	.21	.17
151-105	Blue	.35	.28	.21	.17
151-106	Pink	.35	.28	.21	.17
151-107	Red	.35	.28	.21	.17
151-108	Green	.35	.28	.21	.17

For ordering bags of 100

MOUSER STOCK NO.	Price Per 100	
	1	5
151-101-100	13.76	12.60
151-102-100	13.76	12.60
151-103-100	13.76	12.60
151-104-100	13.76	12.60
151-105-100	13.76	12.60
151-106-100	13.76	12.60
151-107-100	13.76	12.60
151-108-100	13.76	12.60

For ordering bags of 1000

MOUSER STOCK NO.	Price Each		
	1	10	25
151-101-1000	116.99	108.29	98.45
151-102-1000	116.99	108.29	98.45
151-103-1000	116.99	108,29	98.45
151-104-1000	116.99	108.29	98.45
151-105-1000	116.99	108.29	98.45
151-106-1000	116.99	108.29	98.45
151-107-1000	116.99	108.29	98.45
151-108-1000	116.99	108.29	98.45

.080" Diameter Glass Insulator for 3/32" Board Thickness

For ordering less than 100 pieces

MOUSER STOCK NO.	Color	Price Each			
		1	10	25	50
151-301	White	.35	.28	.21	.17
151-302	Yellow	.35	.28	.21	.17
151-303	Black	.35	.28	.21	.17
151-304	Brown	.35	.28	.21	.17
151-305	Blue	.35	.28	.21	.17
151-306	Pink	.35	.28	.21	.17
151-307	Red	.35	.28	.21	.17
151-308	Green	.35	.28	.21	.17

For ordering bags of 100

MOUSER STOCK NO.	Price Per 100	
	1	5
151-301-100	13.76	12.60
151-302-100	13.76	12.60
151-303-100	13.76	12.60
151-304-100	13.76	12.60
151-305-100	13.76	12.60
151-306-100	13.76	12.60
151-307-100	13.76	12.60
151-308-100	13.76	12.60

For ordering bags of 1000

MOUSER STOCK NO.	Price Each		
	1	10	25
151-301-1000	116.99	108.29	98.45
151-302-1000	116.99	108.29	98.45
151-303-1000	116.99	108.29	98.45
151-304-1000	116.99	108.29	98.45
151-305-1000	116.99	108.29	98.45
151-306-1000	116.99	108.29	98.45
151-307-1000	116.99	108.29	98.45
151-308-1000	116.99	108.29	98.45

TERMINAL STRIPS

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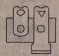
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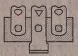
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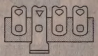
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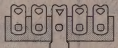
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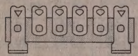
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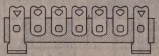
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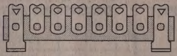
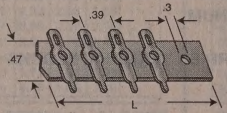


MOUSER STOCK NO.	Fig.	Lug	Description	Price Each			
				1	10	100	500
158-1002	A	2	Lug: Tin plated Strip: Phenolic .375" x .062" Mount: For no. 6 screw	.21	.14	.13	Call For Quote
158-1003	B	3		.26	.17	.15	
158-1004	C	4		.30	.20	.18	
158-1005	D	5		.33	.22	.20	
158-1006	E	6		.47	.31	.28	
158-1007	F	7		.51	.34	.31	
158-1008	G	8		.54	.36	.33	

TERMINAL STRIPS

DIMENSIONS (IN.)



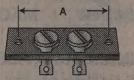
PC Board Solder Terminal Strips

MOUSER STOCK NO.	L (In.)	No. of Tags	Price Each			
			1	10	100	500
153-2304	2.34	4	.75	.57	.52	Call
153-2305	2.73	5	.87	.67	.61	

KEYSTONE ELECTRONICS CORP.

SCREW TYPE TERMINAL BOARDS

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Terminals	Dim. A (In.)	Price Each		
			1	10	100
534-4187	1	.88	.30	.25	.22
534-4188	2	1.31	.43	.36	.30
534-4189	3	1.75	.60	.50	.43
534-4190	4	2.19	.78	.65	.59
534-4191	5	2.63	.97	.81	.68

For quantities greater than listed, call for quote

MOUSER STOCK NO.	No. of Terminals	Dim. A (In.)	Price Each		
			1	10	100
534-4192	6	3.06	1.14	.95	.83
534-4193	7	3.50	1.41	1.18	1.04
534-4194	8	3.94	1.58	1.32	1.17
534-4195	9	4.38	1.80	1.50	1.30
534-4196	10	4.81	1.98	1.65	1.45

SCREW TYPE TERMINAL BOARDS

Black phenolic with hot - tinned brass terminals

MOUSER STOCK NO.	Fig.	No. of Terminals	Dimensions (In.)			Price Each			
			A	B	C	1	10	100	500
15CA002	A	2	1.80	.65	1.37	.38	.26	.25	Call
15CA004	B	4	2.90	.83	2.45	.56	.52	.46	

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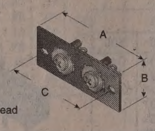
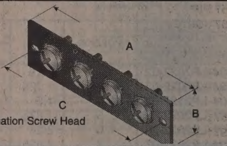


Phillips Screw Head

B


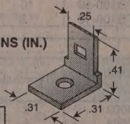
Combination Screw Head

KEYSTONE ELECTRONICS CORP.

PC BOARD DISCONNECT TAB

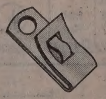
Features:
- Bright brass plate
- Mating tab portion designed to NEMA standards
- Terminal dimension: .250" x .03"

DIMENSIONS (IN.)



MOUSER STOCK NO.	Price Each			
	1	100	1000	5000
534-1256	.14	.068	.037	Call

FAHNESTOCK CLIPS

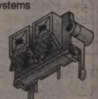


Features:
- Quick connect
- Quick disconnect
- Wire clip
- Battery clip
- Terminal/connector
- Nickel plated, spring brass

MOUSER STOCK NO.	Screw Size	W x L (In.)	Price Each			
			1	100	1000	5000
524-11-4030C	4	7/32 x 1/2	.16	.11	.095	Call
524-11-4034C	6	5/16 x 3/4	.15	.098	.086	

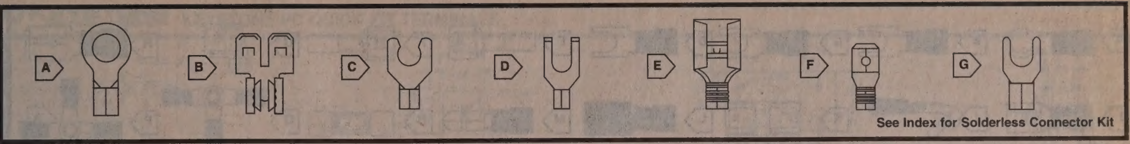
COMPRESSION TERMINAL

Printed circuit terminals. Ideal for speaker systems and other audio or low voltage applications. These terminal blocks firmly grasp stripped wire. Buttons are color coded black and red.



Features:
- PCB mount
- Contacts: tin plated
- ABS plastic

MOUSER STOCK NO.	Price Each			
	1	10	100	500
151-0300	.64	.49	.45	Call



See Index for Solderless Connector Kit

SOLDERLESS TERMINALS

Ring Terminals Non-Insulated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Stud Size	Wire Size (AWG)	Price Each			
				2	100	1000	5000
159-2222	A	#4	22 - 16	.08	.049	.042	.033
159-2223	A	#6	22 - 16	.08	.049	.042	.033
159-2224	A	#8	22 - 16	.08	.049	.042	.033
159-2227	A	#10	22 - 16	.08	.051	.045	.033
159-2229	A	1/4"	22 - 16	.08	.051	.045	.033
159-2231	A	5/16"	22 - 16	.08	.051	.045	.033
159-1627	A	#4	16 - 14	.09	.058	.048	.035
159-1629	A	#6	16 - 14	.09	.057	.048	.035
159-1631	A	#8	16 - 14	.09	.058	.048	.035
159-1632	A	#10	16 - 14	.09	.059	.05	.039
159-1633	A	1/4"	16 - 14	.14	.084	.07	.056
159-1634	A	5/16"	16 - 14	.14	.084	.071	.056
159-1216	A	#6	12 - 10	.14	.088	.076	.06
159-1217	A	#8	12 - 10	.17	.10	.088	.07
159-1218	A	#10	12 - 10	.17	.10	.088	.07
159-1219	A	1/4"	12 - 10	.24	.132	.113	.088
159-1220	A	5/16"	12 - 10	.24	.132	.113	.088
159-1221	A	3/8"	12 - 10	.24	.132	.113	.088

Double Male/Female Adaptor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size (In.)	Wire Size (AWG)	Price Each			
				2	100	1000	10,000
159-1226	B	.250 x .032	- - - - - -	.17	.109	.092	.074

Locking Spade Terminals Non-Insulated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Stud Size	Wire Size (AWG)	Price Each			
				2	100	1000	5000
159-2241	C	#6	22 - 16	.08	.049	.042	.033
159-2242	C	#8	22 - 16	.08	.049	.042	.033
159-2243	C	#10	22 - 16	.08	.051	.044	.034
159-1644	C	#6	16 - 14	.08	.059	.05	.039
159-1645	C	#8	16 - 14	.08	.059	.05	.039
159-1646	C	#10	16 - 14	.08	.059	.05	.039

Flange Spade Terminals Non-Insulated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Stud Size	Wire Size (AWG)	Price Each			
				2	100	1000	5000
159-2244	D	#6	22 - 16	.08	.049	.042	.033
159-2245	D	#8	22 - 16	.08	.049	.042	.033
159-2246	D	#10	22 - 16	.08	.051	.044	.034
159-1647	D	#6	16 - 14	.08	.051	.045	.034
159-1648	D	#8	16 - 14	.08	.051	.045	.034
159-1649	D	#10	16 - 14	.08	.051	.045	.034

Disconnects Non-Insulated

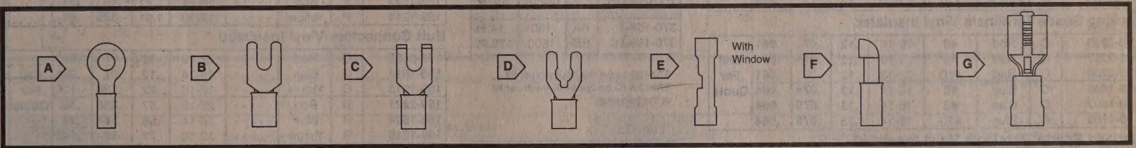
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size (In.)	Wire Size (AWG)	Price Each			
				2	100	1000	10,000
159-2235	E	.110 x .020	22 - 16	.05	.028	.024	.019
159-2237	E	.187 x .020	22 - 16	.07	.04	.034	.027
159-2239A	E	.205 x .020	22 - 16	.07	.04	.034	.027
159-2240	E	.250 x .032	22 - 16	.10	.06	.051	.041
159-1640	E	.110 x .020	16 - 14	.05	.028	.024	.02
159-1641	E	.187 x .020	16 - 14	.07	.04	.035	.027
159-1642	E	.205 x .020	16 - 14	.07	.04	.035	.027
159-1643	E	.250 x .032	16 - 14	.10	.06	.052	.041
159-1224	E	.250 x .048	12 - 10	.10	.061	.052	.041
159-2247	F	.250 x .032	22 - 16	.07	.04	.034	.027
159-1650	F	.250 x .032	16 - 14	.07	.04	.034	.027
159-1225	F	.250 x .032	12 - 10	.10	.064	.055	.044

Spade Terminals Non-Insulated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Stud Size	Wire Size (AWG)	Price Each			
				2	100	1000	5000
159-2232	G	#6	22 - 16	.08	.049	.042	.033
159-2233	G	#8	22 - 16	.08	.049	.042	.029
159-2234	G	#10	22 - 16	.08	.051	.045	.03
159-1635	G	#6	16 - 14	.09	.058	.05	.039
159-1637	G	#8	16 - 14	.09	.058	.05	.039
159-1639	G	#10	16 - 14	.09	.057	.05	.039
159-1222	G	#8	12 - 10	.15	.095	.081	.06
159-1223	G	#10	12 - 10	.15	.095	.081	.06



AMP NYLON INSULATED TERMINALS

Designed for complete and uniform reliability in the most difficult circuit environments. These nylon terminals feature a tin plated phosphor bronze body with a specially designed copper sleeve fitted over the terminal barrel to provide maximum circumferential insulation support to the wire.

Ring Terminals, Nylon Insulated

MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each			
					1	100	500	1000
571-31880	A	Red	#4	22 - 16	.23	.205	.166	Call For Quote
571-36152	A	Red	#6	22 - 16	.23	.198	.161	
571-31890	A	Red	#8	22 - 16	.23	.205	.166	
571-36154	A	Red	#10	22 - 16	.23	.205	.166	
571-320619	A	Blue	#6	16 - 14	.23	.198	.161	
571-320565	A	Blue	#8	16 - 14	.23	.198	.161	
571-36160	A	Blue	#10	16 - 14	.22	.198	.161	
571-35108	A	Yellow	#8	16 - 14	.30	.243	.198	
571-35109	A	Yellow	#10	12 - 10	.30	.243	.198	
571-35110	A	Yellow	1/4"	12 - 10	.35	.289	.246	
571-35112	A	Yellow	3/8"	12 - 10	.32	.283	.230	

Spade Terminals, Nylon Insulated

571-34541	B	Red	#6	22 - 16	.23	.198	.161	Call For Quote
571-32053	B	Red	#8	22 - 16	.23	.198	.161	
571-32054	B	Red	#10	22 - 16	.23	.198	.161	
571-35559	B	Blue	#6	16 - 14	.23	.198	.161	
571-321233	B	Blue	#8	16 - 14	.23	.198	.161	
571-32060	B	Blue	#10	16 - 14	.23	.198	.161	
571-32589	B	Yellow	#10	12 - 10	.30	.235	.191	

Flanged Spades, Nylon Insulated

571-32562	C	Red	#6	22 - 16	.24	.218	.177	Call For Quote
571-32498	C	Red	#8	22 - 16	.24	.218	.177	
571-320861	C	Blue	#6	16 - 14	.24	.218	.177	
571-320862	C	Blue	#8	16 - 14	.24	.218	.177	

Features:

- High dielectric strength
- High temperature rating
- Funnel ramp entry
- Copper support sleeve for insulation
- Temperature rated: 105°C

LR7189

MIL-T-7928

Locking Spades, Nylon Insulated

MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each			
					1	100	500	1000
571-52929	D	Red	#6	22 - 16	.26	.227	.185	Call For Quote
571-52930	D	Red	#8	22 - 16	.26	.227	.185	
571-52935	D	Blue	#6	16 - 14	.26	.227	.185	
571-52936	D	Blue	#8	16 - 14	.26	.227	.185	
571-52941	D	Yellow	#6	12 - 10	.30	.267	.217	
571-52942	D	Yellow	#8	12 - 10	.51	.427	.356	
571-52943	D	Yellow	#10	12 - 10	.30	.267	.217	

Butt Splices, Nylon Insulated

571-320562	E	Blue	- - -	16 - 14	.90	.72	.585	Call

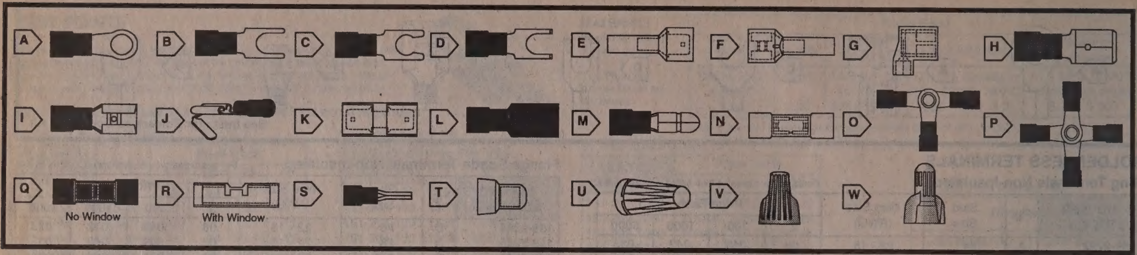
Knife Disconnects, Nylon Insulated

571-32446	F	Red	- - -	22 - 16	.44	.395	.321	Call
571-32448	F	Blue	- - -	16 - 14	.44	.395	.321	

Faston Receptacles

MOUSER STOCK NO.	Fig.	Color	Size (In.)	Wire Size (AWG)	Price Each			
					1	100	500	1000
571-6409231	G	Red	.020x.110	22 - 18	.28	.245	.199	Call For Quote
571-6409291	G	Blue	.020x.110	16 - 14	.28	.245	.199	
571-6409171	G	Red	.020x.187	22 - 18	.28	.245	.199	
571-6409191	G	Blue	.020x.187	16 - 14	.31	.277	.225	
571-6409091	G	Red	.020x.205	22 - 18	.28	.245	.199	
571-6409031	G	Red	.032x.250	22 - 18	.28	.245	.199	
571-6409051	G	Blue	.032x.250	16 - 14	.28	.245	.199	
571-6409071	G	Yellow	.032x.250	12 - 10	.36	.317	.257	

Insulated Terminals and Connectors (Insulated)



Ring Terminals Vinyl Insulated

MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each			
					1	100	1000	5000
159-2201	A	Red	1/4"	22-16	.15	.095	.081	Call For Quote
159-2202	A	Red	5/16"	22-16	.15	.095	.081	
159-2204	A	Red	#4	22-16	.12	.07	.061	
159-2206	A	Red	#6	22-16	.12	.07	.061	
159-2208	A	Red	#8	22-16	.12	.07	.061	
159-2210	A	Red	#10	22-16	.12	.07	.061	
159-1601	A	Blue	#4	16-14	.10	.067	.056	Call For Quote
159-1602	A	Blue	1/4"	16-14	.16	.099	.085	
159-1603	A	Blue	5/16"	16-14	.16	.099	.085	
159-1606	A	Blue	#6	16-14	.12	.07	.061	
159-1608	A	Blue	#8	16-14	.12	.07	.061	
159-1610	A	Blue	#10	16-14	.12	.07	.061	
159-1201	A	Yellow	#6	12-10	.16	.099	.085	
159-1202	A	Yellow	#8	12-10	.18	.12	.099	
159-1203	A	Yellow	#10	12-10	.18	.12	.099	
159-1204	A	Yellow	1/4"	12-10	.25	.16	.138	
159-1205	A	Yellow	5/16"	12-10	.29	.172	.15	
159-1206	A	Yellow	3/8"	12-10	.29	.172	.15	

Spade Terminals Vinyl Insulated

159-2226	B	Red	#6	22-16	.12	.07	.061	Call For Quote
159-2228	B	Red	#8	22-16	.12	.07	.061	
159-2220	B	Red	#10	22-16	.12	.07	.061	
159-1626	B	Blue	#6	16-14	.12	.07	.061	
159-1628	B	Blue	#8	16-14	.12	.07	.061	
159-1620	B	Blue	#10	16-14	.12	.07	.061	
159-1207	B	Yellow	#8	12-10	.18	.114	.098	
159-1208	B	Yellow	#10	12-10	.18	.114	.098	

Locking Spade Terminals Vinyl Insulated

159-2203	C	Red	#6	22-16	.12	.07	.061	Call For Quote
159-2207	C	Red	#8	22-16	.12	.07	.061	
159-2209	C	Red	#10	22-16	.12	.07	.061	
159-1605	C	Blue	#6	16-14	.13	.076	.064	
159-1607	C	Blue	#8	16-14	.13	.076	.064	
159-1609	C	Blue	#10	16-14	.13	.076	.064	

Flanged Spade Terminals Vinyl Insulated

159-2236	D	Red	#6	22-16	.12	.07	.061	Call For Quote
159-2238	D	Red	#8	22-16	.12	.07	.061	
159-2230	D	Red	#10	22-16	.12	.07	.061	
159-1636	D	Blue	#6	16-14	.12	.07	.061	
159-1638	D	Blue	#8	16-14	.12	.07	.061	
159-1630	D	Blue	#10	16-14	.12	.07	.061	

Couplers (Male) Nylon Insulated

MOUSER STOCK NO.	Fig.	Color	Wire Size (AWG)	Tab Width (In.)	Price Each			
					1	10	1000	5000
159-3251	E	Red	22-16	.250x.032	.21	.17	.15	Call
159-7251	E	Blue	16-14	.250x.032	.21	.17	.15	

Couplers (Female) Vinyl Insulated

159-2215	F	Red	22-16	.250x.032	.15	.093	.081	Call
159-1618	F	Blue	16-14	.250x.032	.15	.095	.081	

Couplers (Female) Nylon Insulated

159-3250	F	Red	22-16	.250x.032	.21	.17	.15	Call
159-7250	F	Blue	16-14	.250x.032	.21	.17	.15	

Flag Disconnects (Female) Nylon Insulated *

159-2225	G	Red	22-16	.250x.032	.21	.17	.15	Call
159-1625	G	Blue	16-14	.250x.032	.21	.17	.15	

Disconnects Vinyl Insulated

MOUSER STOCK NO.	Fig.	Color	Size (In.)	Wire Size (AWG)	Price Each			
					1	100	1000	5000
159-2250	H	Red	.250x.032	22-16	.12	.07	.061	Call For Quote
159-6250	H	Blue	.250x.032	16-14	.12	.07	.061	
159-1210	H	Yellow	.250x.032	12-11	.13	.076	.064	
159-2211	I	Red	.11x.020	22.16	.12	.07	.061	
159-2187	I	Red	.187x.020	22-16	.12	.07	.061	
159-2205	I	Red	.20x.020	22-16	.12	.07	.061	
159-2251	I	Red	.250x.032	22-16	.12	.07	.061	

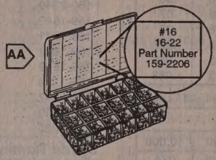
Solderless Connector Kit

(Insulated)

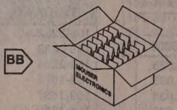
Features:

- 18 different connectors
- Fully assembled and keyed for easy use

AA



BB



MOUSER STOCK NO.	Fig.	No. of pieces	Price Each
370-159-1	AA	180	14.95
370-159-1C	BB	1800	129.95

370-159-1 contains 10 each per kit
370-159-1C contains 100 each per kit
of the following:

Fig.	Description
A	#6 16-22 red ring #8 14-16 blue ring #10 16-22 red ring
B	#6 16-22 red spade #8 14-16 blue spade #10 16-22 red spade
D	#6 16-22 red flanged spade #8 14-16 blue flanged spade #10 16-22 red flanged spade
E	1/4" 16-22 red Nylon male coupler
F	1/4" 16-22 red nylon Female coupler
G	1/4" 14-16 blue nylon Female flag disconnect
H	1/4" 14-16 blue Male disconnect
I	1/4" 14-16 blue Female disconnect
L	.156" 16-22 red Female bullet
M	.156" 16-22 red Male bullet
Q	16-22 red butt connector 14-16 blue butt connector

Disconnects Vinyl Insulated (continued)

MOUSER STOCK NO.	Fig.	Color	Size (In.)	Wire Size (AWG)	Price Each			
					1	100	1000	5000
159-1604	I	Blue	.110x.020	16-14	.10	.067	.052	Call For Quote
159-6187	I	Blue	.187x.020	16-14	.12	.07	.061	
159-6205	I	Blue	.20x.020	16-14	.12	.07	.061	
159-6251	I	Blue	.250x.032	16-14	.12	.07	.061	
159-1209	I	Yellow	.250x.032	12-10	.14	.085	.072	
159-2212	J	Red	.250x.032	22-16	.17	.09	.078	
159-1611	J	Blue	.250x.032	16-14	.17	.106	.099	

Adaptor- Male to Male Disconnect Vinyl Insulated

159-1502	K	Clear	.250x.032	- - - - -	.26	.161	.138	Call

Bullet Connectors Vinyl Insulated

159-2156	L	Red	.157	22-16	.14	.10	.085	Call For Quote
159-3156	M	Red	.157	22-16	.12	.07	.061	
159-1612	L	Blue	.157	16-14	.15	.092	.078	
159-1613	L	Blue	.195	16-14	.15	.095	.081	
159-1615	M	Blue	.157	16-14	.11	.067	.056	
159-1616	M	Blue	.195	16-14	.12	.074	.063	

Adaptor- Bullet to Bullet Connector (Female) Vinyl Insulated

159-1501	N	Yellow	.156	- - - - -	.23	.138	.126	Call

3 and 4-Way Connectors Vinyl Insulated

159-2217	O	Red	- - - - -	22-16	.62	.39	.33	Call For Quote
159-1619	O	Blue	- - - - -	16-14	.62	.39	.33	
159-1212	O	Yellow	- - - - -	12-10	1.09	.678	.575	
159-2219	P	Red	- - - - -	22-16	.71	.45	.38	
159-1623	P	Blue	- - - - -	16-14	.71	.45	.38	
159-1214	P	Yellow	- - - - -	12-10	1.31	.805	.69	

Butt Connectors Vinyl Insulated

159-1622	Q	Red	- - - - -	22-16	.12	.07	.061	Call For Quote
159-1614	Q	Blue	- - - - -	16-14	.12	.07	.061	
159-1213	Q	Yellow	- - - - -	12-10	.22	.138	.115	
159-2221	R	Red	- - - - -	22-16	.57	.356	.30	
159-1624	R	Blue	- - - - -	16-14	.58	.36	.30	
159-1215	R	Yellow	- - - - -	12-10	.77	.48	.403	

Pin Terminals Vinyl Insulated

159-2213	S	Red	.074	22-16	.12	.076	.064	Call For Quote
159-1617	S	Blue	.074	16-14	.13	.086	.068	
159-1211	S	Yellow	.110	12-10	.28	.173	.15	

Closed End Terminals Vinyl Insulated

† 2x18 AWG or 1x8 AWG

159-1801	T	- - - - -	- - - - -	12-10	.24	.15	.126	Call
159-1802	T	- - - - -	- - - - -	18-8†	.26	.16	.138	

Wire Nuts

159-2216	U	Gray	- - - - -	22-16	.12	.09	.08	Call For Quote
159-2214	U	Orange	- - - - -	22-14	.12	.09	.08	
159-1803	U	Yellow	- - - - -	18-12	.15	.089	.077	
159-1804	U	Red	- - - - -	18-10	.19	.115	.10	

Hyflex Insulated Electrical Spring Connector

UL

MOUSER STOCK NO.	Fig.	Color	Min. and Max. Wire Sizes	Price Each			
				1	100	500	1000
517-212	V	Tan	1 #15 to 1 #22, 3 #12, 4 #14 AWG	.07	.067	.065	Call

Ranger Nylon Insulated Electrical Spring Connector

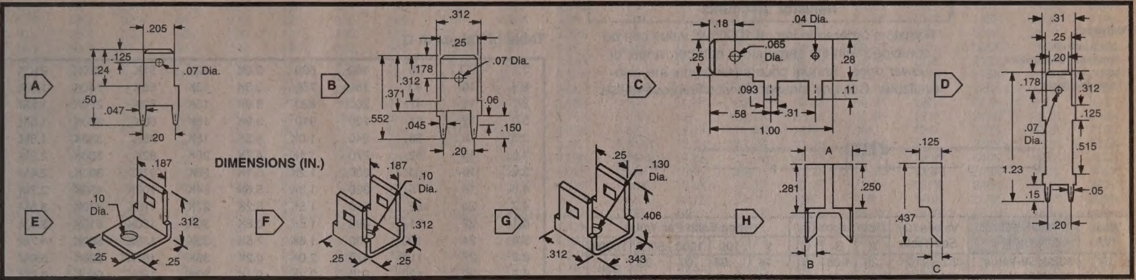
UL SA®

517-312	W	Yellow	5-7 #22 AWG, 3-6 #20 AWG, 2-6 #18 or 16 AWG, 1-4 #14 AWG, 1-3 #12 AWG	.08	.073	.07	Call For Quote
517-512	W	Red	2-10 #18 AWG, 1-6 #14 AWG, 1-5 #12 AWG, 1-3 #10 AWG, 1-2 #8 AWG, 1 #6 AWG	.11	.097	.094	Call For Quote

Terminals, Connector Kits, and Tools

KEYSTONE ELECTRONICS CORP.

KEYSTONE PC QUICK-FIT TERMINALS


A
.205
.125
.24
.07 Dia.
.50
.047
.20
B
.312
.25
.07 Dia.
.178
.312
.371
.552
.06
.045
.150
.20
C
.18
.04 Dia.
.065 Dia.
.25
.28
.093
.11
.58
.31
1.00
D
.31
.25
.20
.178
.312
.125
.07 Dia.
.515
1.23
.15
.05
.20
E
.187
.10 Dia.
.312
.25
.25
DIMENSIONS (IN.)
F
.187
.10 Dia.
.312
.25
.25
G
.25
.130 Dia.
.406
.312
.343
H
A
.125
.281
.250
.437
B
C

Specifications: • Material type: Brass • Material finish: Tin or bright

MOUSER STOCK NO.	Fig.	Tab Size (In.)	Description	Price Each		
				1	100	500
534-1286	A	.205	PCB straight terminal	.14	.072	.066
534-1287	B	.250	PCB straight terminal	.10	.049	.044
534-1265	C	.250	PCB right angle terminal	.36	.18	.16
534-1281	D	.250	PCB tall terminal	.15	.073	.067
534-1261	E	.187	Single tab rivet type terminal	.16	.079	.072

MOUSER STOCK NO.	Fig.	Tab Size (In.)	Description	Price Each		
				1	100	500
534-1262	F	.187	Dual tab rivet type terminal	.23	.11	.10
534-1257	G	.250	Dual tab rivet type terminal	.16	.082	.074

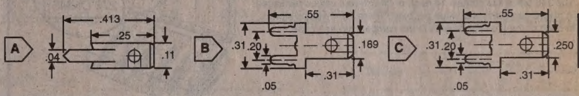
Female

MOUSER STOCK NO.	Fig.	Tab Size (In.)	Description	1	100	500
534-3525	H	.205	Dim.A: .271; Dim.B: .075; Dim.C: .060	.10	.074	.064
534-3528	H	.250	Dim.A: .291; Dim.B: .090; Dim.C: .050	.10	.074	.064

PC MOUNT MALE QUICK DISCONNECTS

MOUSER STOCK NO.	Fig.	Size (Inches)	Price Each			
			5	100	1000	10000
153-1006	A	.11 x .03	.25	.13	.12	.110
153-1007	B	.189 x .03	.22	.11	.098	.081
153-1008	C	.250 x .03	.25	.13	.115	.100

DIMENSIONS (IN.)


A
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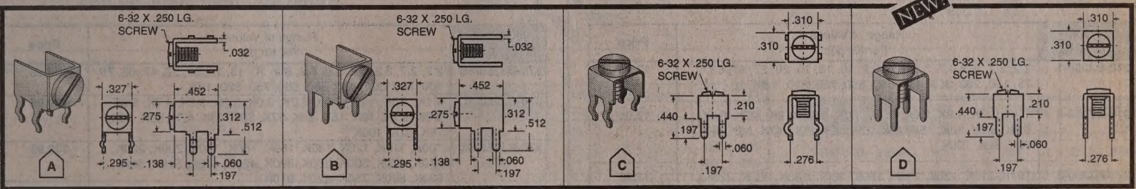
.25
.04
.11
B
.55
.31
.20
.189
.31
.05
C
.55
.31
.20
.250
.31
.05

KEYSTONE ELECTRONICS CORP.

KEYSTONE PC MOUNT SCREW TYPE TERMINAL POST


6-32 X .250 LG. SCREW
.032
.327
.452
.275
.312
.512
.295
.138
.060
.197
A
6-32 X .250 LG. SCREW
.032
.327
.452
.275
.312
.512
.295
.138
.060
.197
B
.310
.310
6-32 X .250 LG. SCREW
.210
.440
.197
.060
.276
.197
C
NEW!
.310
.310
6-32 X .250 LG. SCREW
.210
.440
.197
.060
.276
.197
D

Specifications: • Current rating: 15A • Terminal material: tin-plated brass • Screw type: 6-32 x 1/4LG nickel-plated steel

DIMENSIONS (IN)

Horizontal

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
534-7692	A	Snap mount terminal, assembled	.29	.19	.18	Call
534-8190	B	Horizontal PC mount	.21	.17	.15	For
534-7700	C	PC mount terminal assembled	.28	.19	.17	Quote

Vertical

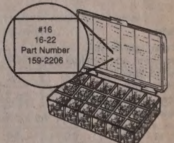
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
534-7693	C	Snap mount terminal, assembled	.28	.18	.16	Call
534-8191	D	Vertical PC mount	.17	.16	.15	For
534-7701	D	PC mount terminal, assembled	.27	.18	.16	Quote

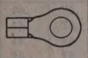
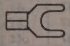
SOLDERLESS CONNECTOR KIT (Non-Insulated)

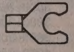
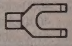
MOUSER STOCK NO.	Price Each
370-159-2	14.95

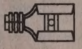
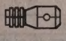
Features:

- 180 pieces 18 different connectors
- Fully assembled and keyed for easy use


#16
16-22
Part Number
159-2206

Contains:	Description:
	3/8" 12-10 ring, #6 12-10 ring #8 16-14 ring, 1/4" 22-16 ring #6 22-16 ring
	#10 12-10 spade #8 16-14 spade #6 22-16 spade

Contains:	Description:
	#10 16-14 locking spade #6 16-14 locking spade #10 22-16 locking spade #6 22-16 locking spade
	#8 16-14 flanged spade #8 22-16 flanged spade

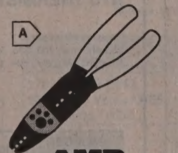
Contains:	Description:
	.250 x .032 16-14 female disconnect .250 x .032 22-16 female disconnect
	.250 x .032 16-14 male disconnect .250 x .032 22-16 male disconnect

CRIMP TOOLS FOR SOLDERLESS TERMINALS

Heavy duty or small task tool designed with crimper, cutter and stripper all in one.

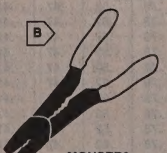
MOUSER STOCK NO.	Fig.	Crimp Terminal Size		Price Each
		Insulated Terminal Sizes	Non-Insulated Terminal Sizes	
571-6018841	A	22-10	24-14	47.17
382-2010	B	22-10	24-14	10.76

MOUSER STOCK NO.	Fig.	Crimps Wire AWG	Description	Price Each
571-605144-1	C	22-10	Super Champ IV crimp tool	24.90
571-66018814	D	22-10	Super Champ crimp tool	12.45



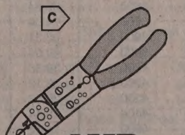
AMP

Crimping tool with bolt cutter



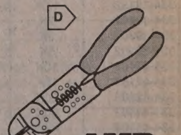
MOUSER®

Multipurpose 5-way crimping tool



AMP

Crimps both insulated and non-insulated terminals



AMP

Crimps insulated terminals only

Resistors and Thermistors

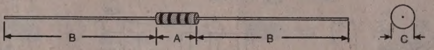
CARBON COMPOSITION RESISTORS 1/4 WATT AND 1/2 WATT ±5% TOLERANCE

Features:

- ±5% tolerance
- Predictable performance
- Low inductance
- Low capacitance

Resistor Discounts

Resistors ordered in lots of 1000 per value can be combined with the same stock number range for lower price. Annual price agreements are also available. Call any Mouser Service Representative.



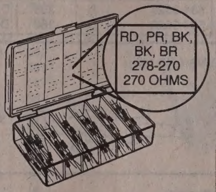
Watts (W)	MOUSER STOCK NO.	Values (Ω) See Table	Dimensions (In.)			Price Each Per Value				
			A	B	C	1	100	1000	5000	10000
1/4	30BJ250-Value	2.2 - 910K	.25	1.06	.10	.14	.08	.07	.06	Call For Quote
1/4	30BJ250-Value	1M - 8.2M	.25	1.06	.10	.19	.12	.11	.10	
1/2	30BJ500-Value	2.2 - 910K	.37	.98	.14	.15	.09	.08	.07	
1/2	30BJ500-Value	1M - 8.2M	.37	.98	.14	.20	.12	.11	.10	

Table of Values in Ω

2.2	9.1	39	160	680	3.0K	12K	51K	220K	910K
2.4	10	43	180	750	3.3K	13K	56K	240K	1.0M
2.7	11	47	200	820	3.6K	15K	62K	270K	1.2M
3.0	12	51	220	910	3.9K	16K	68K	300K	1.5M
3.3	13	56	240	1.0K	4.3K	18K	75K	330K	1.8M
3.6	15	62	270	1.1K	4.7K	20K	82K	360K	2.2M
3.9	16	68	300	1.2K	5.1K	22K	91K	390K	2.4M
4.3	18	75	330	1.3K	5.6K	24K	100K	430K	2.7M
4.7	20	82	360	1.5K	6.2K	27K	110K	470K	3.3M
5.1	22	91	390	1.6K	6.8K	30K	120K	510K	3.9M
5.6	24	100	430	1.8K	7.5K	33K	130K	560K	4.7M
6.2	27	110	470	2.0K	8.2K	36K	150K	620K	5.6M
6.8	30	120	510	2.2K	9.1K	39K	160K	680K	6.8M
7.5	33	130	560	2.4K	10K	43K	180K	750K	8.2M
8.2	36	150	620	2.7K	11K	47K	200K	820K	

1/4 CARBON COMPOSTION RESISTOR KITS

The 240 piece kits contain 10 each of 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the compact storage case.



MOUSER STOCK NO.	Range of Values Per Kit (Ω)	Price
370-BJ250-1	2.2, 2.7, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1.0K	17.95
370-BJ250-2	1.1K, 1.5K, 1.8K, 2.0K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	17.95
370-BJ250-3	100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 240K, 270K, 300K, 330K, 360K, 390K, 430K, 470K, 510K, 560K, 620K, 680K, 750K, 820K, 910K	17.95

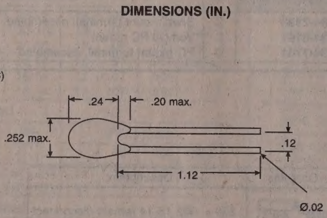
NTC THERMISTORS

Specifications

- Temperature range: -40°C ~ +125°C
- Maximum power rating: 450mW (@ 25°C)
- Dissipation factor: 4.5mW/°C (@ 25°C)

Features:

- Small size, light weight
- Heat resistant, and moisture proof
- Almost indefinite life
- Superior manufacturing process produces large quantities of homogeneous components

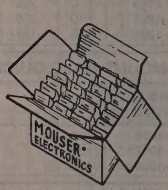


MOUSER STOCK NO.	(Ω) @ 25°C Value	B (K) (25°C/50°C) B-Constant	I (Max) @ 25°C (mA)	Price Each			
				1	100	500	1000
334-31101	100	3100	247.55	.78	.52	.47	.41
334-31301	300	3100	142.93	.78	.52	.47	.41
334-38102	1K	3800	105.13	.78	.52	.47	.41
334-38152	1.5K	3800	85.84	.78	.52	.47	.41
334-38202	2K	3800	74.34	.78	.52	.47	.41
334-39302	3K	3900	63.31	.78	.52	.47	.41
334-39502	5K	3900	49.04	.78	.52	.47	.41
334-42103	10K	4200	39.35	.78	.52	.47	.41
334-42153	15K	4200	32.13	.78	.52	.47	.41
334-42203	20K	4200	27.82	.78	.52	.47	.41
334-44503	50K	4400	19.14	.78	.52	.47	.41
334-45104	100K	4500	14.12	.78	.52	.47	.41
334-47204	200K	4700	10.86	.78	.52	.47	.41
334-47404	400K	4700	7.68	.78	.52	.47	.41

1/4 CARBON COMPOSTITION "C-PAC" RESISTOR ASSORTMENT

Kits 370-BJ250-1C, 370-BJ250-2C, and 370-BJ250-3C have 2400 pieces. The 2400 piece kits contain 100 each of 24 different values packaged in plastic bags with one value per bag.

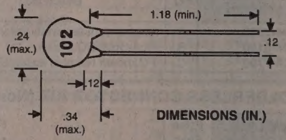
Kit 370-BJ250-C has 7200 pieces, 100 each of all values listed for kits 370-BJ250-1C, 370-BJ250-2C, and 370-BJ250-3C



MOUSER STOCK NO.	Range of Values Per Kit (Ω)	Price
370-BJ250-1C	2.2, 2.7, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1.0K	139.95
370-BJ250-2C	1.1K, 1.5K, 1.8K, 2.0K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	139.95
370-BJ250-3C	100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 240K, 270K, 300K, 360K, 390K, 430K, 470K, 510K, 560K, 620K, 680K, 750K, 820K, 910K	139.95
370-BJ250-C	100 each of all values listed for kits 370-BJ250-1C, 370-BJ250-2C, and 370-BJ250-3C. (7200 pieces)	249.95

NTC THERMISTORS

These Mouser negative temperature coefficient thermistors decrease in resistance as temperature increases.



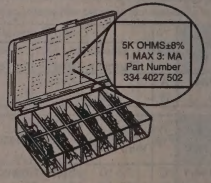
Specifications

- Thermal dissipation constant: 7mW / °C

MOUSER STOCK NO.	R @ 25°C (Ω)	B-Constant	I (Max) @ 25°C (mA)	Price Each			
				1	100	500	1000
334-3027-201	200	3000±250	115	.78	.52	.47	.41
334-3827-501	500	3800±300	90	.78	.52	.47	.41
334-3827-102	1K	3800±300	65	.78	.52	.47	.41
334-4027-202	2K	4000±300	47	.78	.52	.47	.41
334-4027-252	2,5K	4000±300	42	.78	.52	.47	.41
334-4027-352	3.5K	4000±300	36	.78	.52	.47	.41
334-4227-503	50K	4100±300	10	.78	.52	.47	.41

NTC THERMISTOR KIT

Contains 60 pieces
5 Each: 100, 200, 300, 500, 1K, 2K, 3K, 5K, 10K, 15K, 20K, 50K, Ω @ 25°C



MOUSER STOCK NO.	Price Each
370-NTC-T2	29.95

Ⓣ TransOhm™ 1% Metal Film Resistors

Table of Values in Ω

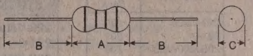
4.02	18	31.6	54.9	95.3	180	324	549	953	1.8K	3.24K	5.62K	10K	18.7K	33.2K	56.2K	102K	191K	340K	604K
4.75	18.2	32.4	56	97.6	182	330	560	976	1.82K	3.3K	5.76K	10.2K	19.1K	33.6K	57.6K	105K	196K	348K	619K
10	18.7	33	56.2	100	187	332	562	1K	1.87K	3.32K	5.9K	10.5K	19.6K	34K	59K	107K	200K	357K	620K
10.2	19.1	33.2	57.6	102	191	340	565	1.02K	1.91K	3.4K	6.04K	10.7K	20K	34.8K	60.4K	110K	205K	360K	634K
10.5	19.6	34	59	105	196	348	576	1.05K	1.96K	3.48K	6.19K	11K	20.5K	35.7K	61.9K	113K	210K	365K	649K
10.7	20	34.8	60.4	107	200	350	590	1.07K	2K	3.57K	6.2K	11.3K	21K	36K	62K	115K	215K	374K	665K
11	20.5	35.7	61.9	110	205	357	604	1.1K	2.05K	3.6K	6.34K	11.5K	21.5K	36.5K	63.4K	118K	220K	383K	680K
11.3	21	36	62	113	210	360	619	1.13K	2.1K	3.65K	6.49K	11.8K	22K	37.4K	64.9K	120K	221K	390K	681K
11.5	21.5	36.5	63.4	115	215	365	620	1.15K	2.15K	3.74K	6.65K	12K	22.1K	38.3K	66.5K	121K	226K	392K	698K
11.8	22	37.4	64.9	118	220	374	634	1.18K	2.2K	3.83K	6.8K	12.1K	22.6K	39K	68K	124K	232K	402K	715K
12	22.1	38.3	66.5	120	221	383	649	1.2K	2.21K	3.9K	6.81K	12.4K	23.2K	39.2K	68.1K	127K	237K	412K	732K
12.1	22.6	39	68	121	226	390	665	1.21K	2.26K	3.92K	6.98K	12.7K	23.7K	40.2K	69.8K	130K	240K	422K	750K
12.4	23.2	39.2	68.1	124	232	392	680	1.24K	2.32K	4.02K	7.15K	13K	24K	41.2K	71.5K	133K	243K	430K	768K
12.7	23.7	40.2	69.8	127	237	402	681	1.27K	2.37K	4.12K	7.32K	13.3K	24.3K	42.2K	73.2K	137K	249K	432K	787K
13	24	41.2	71.5	130	240	412	698	1.3K	2.4K	4.22K	7.5K	13.7K	24.9K	43K	75K	140K	255K	442K	806K
13.3	24.3	42.2	73.2	133	243	422	715	1.33K	2.43K	4.32K	7.68K	14K	25.5K	43.2K	76.8K	143K	261K	453K	820K
13.7	24.7	43	75	137	249	430	732	1.37K	2.49K	4.42K	7.87K	14.3K	26.1K	44.2K	78.7K	147K	267K	464K	825K
14	24.9	43.2	75.5	140	255	432	750	1.4K	2.55K	4.53K	8.06K	14.7K	26.7K	45.3K	80.6K	150K	270K	470K	845K
14.3	25.5	44.2	76.8	143	261	442	768	1.43K	2.61K	4.64K	8.2K	15K	27K	46.4K	82K	154K	274K	475K	866K
14.7	26.1	45.3	78.7	147	267	453	787	1.47K	2.67K	4.7K	8.25K	15.4K	27.4K	47K	82.5K	158K	280K	487K	887K
15	26.7	46.4	80.6	150	270	464	806	1.5K	2.7K	4.75K	8.45K	15.8K	28K	47.5K	84.5K	160K	287K	499K	909K
15.4	27	47	82	154	274	470	820	1.54K	2.74K	4.87K	8.66K	16K	28.7K	48.7K	86.6K	162K	294K	511K	910K
15.8	27.4	47.5	82.5	158	280	475	825	1.58K	2.8K	4.99K	8.8K	16.2K	29.4K	49.9K	88.7K	165K	300K	523K	931K
16	28	48.7	84.5	160	287	487	845	1.6K	2.87K	5.1K	8.87K	16.5K	30K	51K	90.9K	169K	301K	536K	953K
16.2	28.7	49.9	86.6	162	294	499	866	1.62K	2.94K	5.11K	9.09K	16.9K	30.1K	51.1K	91K	174K	309K	549K	976K
16.5	29.4	51	88.7	165	300	510	887	1.65K	3.0K	5.23K	9.1K	17.4K	30.9K	52.3K	93.1K	178K	316K	560K	1.0M
16.9	30	51.1	90.9	169	301	511	909	1.69K	3.01K	5.36K	9.31K	17.8K	31.6K	53.6K	95.3K	180K	324K	562K	1.5M
17.4	30.1	52.3	91	174	309	523	910	1.74K	3.09K	5.49K	9.53K	18K	32.4K	54.9K	97.6K	182K	330K	576K	2.2M
17.8	30.9	53.6	93.1	178	316	536	931	1.78K	3.16K	5.6K	9.76K	18.2K	33K	56K	100K	187K	332K	590K	

Requirements	Operating Temp. Range	Temperature Coefficient	Temp. Cycling	Low Temp. Operation	Short Time Overload	Terminal Strength	Dielectric Withstanding	Insulation Resistance	Effect of Soldering	Load Life, (70°C)	Moisture Resistance, (40°C)	Shock, 50G, 11ms	Vibration, 10-2000 Hz
Characteristics	-55°C to 155°C	±50ppm	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	$10^{10}\Omega$	±0.5%	±2%	±2%	±20%	±20%
Test Method MIL-R-10509F	- - -	±50ppm	4.604	4.6.5	4.6.6	4.6.7	4.6.8	4.6.9	4.6.10	4.6.13	MIL-R-22684 4.6.10	- - -	- - -

Metal film resistors are epoxy coated miniatures of nickel chromiun ceramic substrate construction. Not MIL rated but comparable to MIL STD MIL-R-22684 for RL20 and MIL-R-10509F for RN60D.

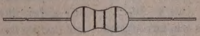
Select packaging method when ordering.
See package methods below.

Available in Bulk, Ammo, or Tape and Reel



Series	Dimensions (In)		
	A	B	C
278	.15	1.1	.06
271	.25	1.18	.09
29MF250	.26	1.1	.09
29MF500	.37	1.1	.15

LOOSE PACK



Stock No.	Standard Pack
278 - Value	200
29MF250 - Value	200
271 - Value	200
29MF500 - Value	100

1/8 and 1/4 Watt

MOUSER STOCK NO.	Watt Size	Max Working Voltage	Price Each 1	Price Each 200
278 - Value	1/8	250	.12	.06
29MF250 - Value	1/4	250	.09	.039
271 - Value	1/4	250	.09	.039

1/2Watt

MOUSER STOCK NO.	Watt Size	Max Working Voltage	Price Each 1	Price Each 100
29MF500 - Value	1/2	350	.12	.055

BULK PACKAGING

Packaged in bags of 100 or 200, 1000 per box.

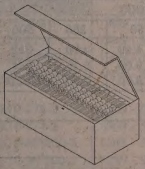
Bulk Pack Stock No.	Quantity Per Box
278 - Value / 1000	5 bags of 200
271 - Value / 1000	5 bags of 200
29MF250 - Value / 1000	5 bags of 200
29MF500 - Value / 1000	10 bags of 100

RESISTOR DISCOUNTS

1000 packs of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

MOUSER STOCK NO.	Watt Size	Max Working Voltage	Price Per 1,000 Piece Package 1	5	10	50	100	500	1000
278 - Value / 1000	1/8	250	42.00	40.50	39.00	36.00	34.00	32.00	Call For Quote
29MF250 - Value / 1000	1/4	250	20.50	17.50	14.99	11.99	10.99	9.75	
271 - Value / 1000	1/4	250	20.50	17.50	14.99	11.99	10.99	9.75	
29MF500 - Value / 1000	1/2	350	38.00	36.00	34.00	32.00	31.00	30.00	

AMMO PACKAGING



Taped & Boxed

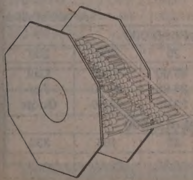
Ammo Pack Stock No.	Quantity Per Box
278 - Value / AP	2,000
271 - Value / AP	1,000
273 - Value / AP	1,000

RESISTOR DISCOUNTS

Ammo packs of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

MOUSER STOCK NO.	Watt Size	Max Working Voltage	Price Per Box of 2,000 1	2	5	25	50	250	500
278 - Value / AP	1/8	250	84.00	78.00	74.00	68.00	64.00	60.00	Call
			Price Per Box of 1,000						
			1	2	5	25	50	250	500
271 - Value / AP	1/4	250	20.50	17.50	14.99	11.99	10.99	9.75	Call
273 - Value / AP	1/2	350	38.00	36.00	34.00	32.00	31.00	30.00	

TAPE AND REEL PACKAGING



Tape and Reel Stock No.	Quantity Per Reel
278 - Value / REEL	5,000
271 - Value / REEL	5,000
29MF250 - Value / REEL	5,000
29MF500 - Value / REEL	3,000

RESISTOR DISCOUNTS

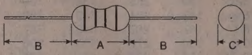
Reels of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

MOUSER STOCK NO.	Watt Size	Max Working Voltage	Price Per Reel of 5,000 1	2	10	20	100	200
278 - Value / REEL	1/8	250	202.50	195.00	180.00	170.00	160.00	Call For Quote
29MF250 - Value / REEL	1/4	250	87.50	74.95	59.95	54.95	48.75	
271 - Value / REEL	1/4	250	87.50	74.95	59.95	54.95	48.75	
			Price Per Reel of 3,000					
			1	3	16	33	166	333
29MF500 - Value / REEL	1/2	350	114.00	102.00	96.00	93.00	90.00	Call

TransOhm™ 5% Carbon Film Resistors

TABLE OF VALUES IN Ω															
0	2.4	6.8	20	56	160	470	1.3K	3.6K	10K	30K	82K	240K	680K	2M	5.6M
0.5	2.7	7.5	22	62	180	510	1.5K	3.9K	11K	33K	91K	270K	750K	2.2M	6.2M
1.0	3.0	8.2	24	68	200	560	1.6K	4.3K	12K	36K	100K	300K	820K	2.4M	6.8M
1.1	3.3	9.1	27	75	220	620	1.8K	4.7K	13K	39K	110K	330K	910K	2.7M	7.5M
1.2	3.6	10	30	82	240	680	2K	5.1K	15K	43K	120K	360K	1M	3M	8.2M
1.3	3.9	11	33	91	270	750	2.2K	5.6K	16K	47K	130K	390K	1.1M	3.3M	9.1M
1.5	4.3	12	36	100	300	820	2.4K	6.2K	18K	51K	150K	430K	1.2M	3.6M	10M
1.6	4.7	13	39	110	330	910	2.7K	6.8K	20K	56K	160K	470K	1.3M	3.9M	†15M
1.8	5.1	15	43	120	360	1K	3K	7.5K	22K	62K	180K	510K	1.5M	4.3M	†22M
2.0	5.6	16	47	130	390	1.1K	3.2K	8.2K	24 K	68K	200K	560K	1.6M	4.7M	
2.2	6.2	18	51	150	430	1.2K	3.3K	9.1K	27K	75K	220K	620K	1.8M	5.1M	

Select packaging method when ordering.
See package methods below.

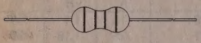


Features:
- Excellent reliability
- Excellent solderability
- Low noise
- Moisture stable
- Standard EIA color code
- Heat stable
- Operating temperature: -55°C to 155°C

Available in Bulk, Ammo, or Tape and Reel

Series	Rated Power @ 70°C (W)	Max Working Voltage (V)	Max Overload Voltage (V)	Dimensions (In)		
				A	B	C
299	.125	200	400	.14	1.1	.07
291/29SJ250/29AB250	.25	250	500	.27	.94	.09
293/29SJ500/29AB500	.5	350	700	.36	.99	.15
29SJ901	1.0	500	1000	.5	1.4	.18

LOOSE PACKAGING



Stock No.	Standard Pack
299-Value	200
291-0	200
29SJ250-Value	200
29SJ500-Value	100
29SJ901-Value	100

1/8 and 1/4 Watt

∗See Table of Values

	MOUSER STOCK NO.	Watt Size	∗ Range of Values	Price Each	
				1	200
	299-Value	1/8	0Ω - 10MΩ	.08	.023
	291-0	1/4	0Ω	.08	.023
	29SJ250-Value	1/4	.5Ω - 10MΩ	.07	.018
†	29SJ250-Value	1/4	15MΩ or 22MΩ	.09	.03

1/2 and 1 Watt

∗See Table of Values

MOUSER STOCK NO.	Watt Size	∗ Range of Values	Price Each	
			1	100
29SJ500-Value	1/2	.5Ω - 10MΩ	.08	.019
29SJ901-Value	1	.5Ω - 10MΩ	.14	.05

BULK PACKAGING (1,000 Per Pack)

Packaged in bags of 100 or 200, 1000 per box.

Bulk Pack Stock No.	Quantity Per Box
299-Value / 1000	5 bags of 200
291-0 / 1000	5 bags of 200
29SJ250-Value / 1000	5 bags of 200
29SJ500-Value / 1000	10 bags of 100
29SJ901-Value / 1000	10 bags of 100

RESISTOR DISCOUNTS

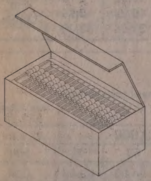
1000 packs of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

∗See Table of Values

	MOUSER STOCK NO.	Watt Size	∗Range of Values	Price Per 1,000 Piece Package						
				1	5	10	50	100	500	1000
	299-Value / 1000	1/8	0Ω - 10MΩ	13.25	11.75	10.99	9.99	9.00	8.00	Call For Quote
	291-0 / 1000	1/4	0Ω	8.00	7.75	7.25	5.75	4.99	4.50	
	29SJ250-Value / 1000	1/4	.5Ω - 10MΩ	8.00	7.75	7.25	5.75	4.99	4.50	
†	29SJ250-Value / 1000	1/4	15MΩ or 22MΩ	14.50	14.00	13.10	10.40	9.00	8.15	
	29SJ500-Value / 1000	1/2	.5Ω - 10MΩ	12.50	11.50	10.50	9.50	8.60	7.50	
	29SJ901-Value / 1000	1	.5Ω - 10MΩ	48.00	46.00	44.00	42.00	38.00	35.00	

AMMO PACKAGING

Taped & Boxed



Ammo Pack Stock No.	Quantity Per Box
299-Value / AP	2,000
291-Value / AP	1,000
293-Value / AP	1,000

RESISTOR DISCOUNTS

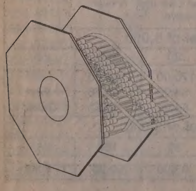
Ammo packs of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

∗See Table of Values

	MOUSER STOCK NO.	Watt Size	∗Range of Values	Price Per Box of 2000						
				1	2	5	25	50	250	500
	299-Value / AP	1/8	0Ω - 10MΩ	26.50	21.98	20.00	18.00	16.00	14.00	Call
				Price Per Box of 1000						
				1	2	5	.25	50	250	500
	291-Value / AP	1/4	0Ω - 10MΩ	8.00	7.75	7.25	5.75	4.99	4.50	Call For Quote
†	291-Value / AP	1/4	15MΩ or 22MΩ	14.50	14.00	13.10	10.40	9.00	8.15	
	293-Value / AP	1/2	.5Ω - 10MΩ	12.50	11.50	10.50	9.50	8.60	7.50	

TAPE & REEL PACKAGING

These high quality carbon film resistors, are now available in tape and reel form. The added benefit of tape and reel form promotes rapid, cost effective automatic insertion.



Tape and Reel Stock No.	Quantity Per Reel
299-Value / REEL	5,000
29AB250-Value	5,000
29AB500-Value	3,000

RESISTOR DISCOUNTS

Reels of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

∗See Table of Values

MOUSER STOCK NO.	Watt Size	∗ Range of Values	Price Per Reel of 5,000					
			1	2	10	20	100	200
299-Value / REEL	1/8	0Ω - 10MΩ	58.75	54.95	49.95	45.00	40.00	Call For Quote
29AB250-Value	1/4	0.5Ω - 10MΩ	38.75	36.25	28.75	24.95	22.50	
291-0/REEL	1/4	0Ω	38.75	36.25	28.75	24.95	22.50	
			Price Per Reel of 3,000					
			1	3	16	33	166	333
29AB500-Value	1/2	.5Ω - 10MΩ	34.50	31.50	28.50	25.80	22.50	Call

Carbon Film and Metal Film Resistor Kits

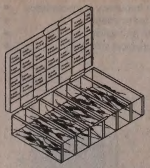
CARBON FILM RESISTOR KITS

The 240 piece kits contain 10 each of 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the compact storage case.

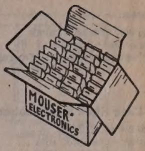
Features:

- Fully assembled and keyed for easy use
- Resistors color code chart included

A



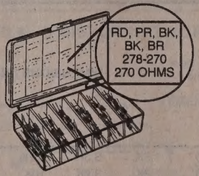
B



MOUSER STOCK NO.	Fig.	Type	Range of Values Ω	Pieces in Each Kit	Description	Price
Prototype Kits						
370-299-1	A	1/8 watt carbon film 5%	1.0 - 82	240	**10 ea.:** 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82	**19.95**
370-299-2	A	1/8 watt carbon film 5%	100 - 8.2K	240	**10 ea.:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K	**19.95**
370-299-3	A	1/8 watt carbon film 5%	10K - 820K	240	**10 ea.:** 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K, 120K, 150K, 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K	**19.95**
370-SJ250-1	A	1/4 watt carbon film 5%	1.0 - 1K	240	**10 ea.:** 1.0, 2.0, 3.0, 4.7, 5.6, 7.5, 8.2, 10, 12, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	**18.95**
370-SJ250-2	A	1/4 watt carbon film 5%	1.1K - 100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K,75K, 82K, 100K	**18.95**
370-SJ250-3	A	1/4 watt carbon film 5%	110K - 10M	240	**10 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 2M, 3.3M, 3.9M, 4.7M, 5.6M, 6.8M, 8.2M, 10M	**18.95**
370-SJ500-1	A	1/2 watt carbon film 5%	2.2 - 1K	240	**10 ea.:** 2.2, 2.4, 3, 4.7, 5.6, 7.5, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	**23.95**
370-SJ500-2	A	1/2 watt carbon film 5%	1.1K - 100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	**23.95**
370-SJ500-3	A	1/2 watt carbon film 5%	110K - 3.3M	240	**10 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 1.1M, 1.3M, 1.5M, 1.6M, 1.8M, 2M, 2.2M, 3.3M	**23.95**
370-SJ901-1	A	1 watt carbon film 5%	2.2 - 1K	240	**10 ea.:** 2.2, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 15, 27, 39, 47, 56, 68, 82, 100, 150, 220, 270, 330, 470, 560, 680, 820, 1K	**29.95**
370-SJ901-2	A	1 watt carbon film 5%	1.2K - 100K	240	**10 ea.:** 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K	**29.95**
"C-Pac" Resistor Assortments						
370-SJ250-1C	B	1/4 watt carbon film	1.0 - 1K	4800	**200 ea.** of all values listed for prototype kit 370-SJ250-1 shown above.	**46.95**
370-SJ250-2C	B	1/4 watt carbon film	1.1K - 100K	4800	**200 ea.** of all values listed for prototype kit 370-SJ250-2 Shown Above.	**46.95**
370-SJ250-3C	B	1/4 watt carbon film	110K - 10M	4800	**200 ea.** of all values listed for prototype kit 370-SJ250-3 shown above.	**46.95**
370-SJ250-C	B	1/4 watt carbon film	1 -10M	14,400	**200 ea.** of all values listed for prototype kit 370-SJ250-1, 370-SJ250-2, & 370-SJ250-3 shown above.	**139.95**
370-SJ500-1C	B	1/2 watt carbon film	2.2 - 1K	4800	**200 ea.** of all values listed for prototype kit 370-SJ500-1 shown above.	**74.95**
370-SJ500-2C	B	1/2 watt carbon film	1.1K - 100K	4800	**200 ea.** of all values listed for prototype kit 370-SJ500-2 shown above.	**74.95**
370-SJ500-3C	B	1/2 watt carbon film	110K - 3.3M	4800	**200 ea.** of all values listed for prototype kit 370-SJ500-3 shown above.	**74.95**
370-SJ500-C	B	1/2 watt carbon film	2.2 - 3.3M	14,400	**200 ea.** of all values listed for prototype kit 370-SJ500-1, 370-SJ500-2, & 370-SJ500-3 shown above.	**217.95**
370-SJ901-1C	B	1 watt carbon film	2.2 - 1K	2400	**100 ea.** of all values listed for prototype kit 370-SJ901-1 shown above.	**114.95**
370-SJ901-2C	B	1 watt carbon film	1.2K - 100K	2400	**100 ea.** of all values listed for prototype kit 370-SJ901-2 shown above.	**114.95**
370-SJ901-C	B	1 watt carbon film	2.2 - 100K	4800	**100 ea.** of all values listed for prototype kit 370-SJ901-1 & 370-SJ901-2 shown above.	**229.95**

METAL FILM RESISTOR KITS

The 240 piece kits contain 10 each of 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the compact storage case.



Features:

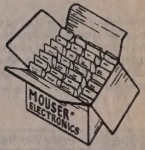
- 1% tolerance
- Fully assembled and keyed for easy use
- 240 pieces
- 10 each of 24 different values per kit
- Metal film
- Epoxy coated
- Nickel chromium
- Ceramic substrate

MOUSER STOCK NO.	Type	Range of Values Per Kit (Ω)	Price
370-278-1	1/8W - 50ppm	4.02, 10, 20, 30, 39, 47, 51	**29.95**
370-271-1	1/4W - 50ppm	68, 100, 120, 160, 200, 220, 270,	**29.95**
370-MF250-1	1/4W - 100ppm	300, 330, 390, 430, 560, 620,	**29.95**
370-MF500-1	1/2W - 50ppm	750, 820, 910, 1K	**34.95**
370-278-2	1/8W - 50ppm	1.1K, 1.5K, 1.8K, 2K, 2.7K, 3.0K,	**29.95**
370-271-2	1/4W - 50ppm	3.3K, 3.9K, 4.7K, 5,6K, 6.8K, 8.2K,	**29.95**
370-MF250-2	1/4W - 100ppm	10K, 15K, 20K, 27K, 30K, 33K, 47K,	**29.95**
370-MF500-2	1/2W - 50ppm	56K, 68K, 75K, 82K,100K	**34.95**
370-278-3	1/8W - 50ppm	110K, 120K, 130K, 150K, 160K, 180K,	**29.95**
370-271-3	1/4W - 50ppm	200K, 220K, 270K, 300K, 330K, 390K,	**29.95**
370-MF250-3	1/4W - 100ppm	430K, 470K, 499K, 560K, 620K, 680K,	**29.95**
370-MF500-3	1/2W - 50ppm	750K, 820K, 845K, 910K, 953K, 1M	**34.95**

METAL FILM "C-PAC" RESISTOR ASSORTMENT

Features:

- 1% tolerance
- 72 different values
- Individually labeled packs
- 1/4 watt
- Range: 4.02Ω to 1MΩ



MOUSER STOCK NO.	Type	Pieces Each Kit	Qty Each Value	Range of Values Per Kit (Ω)	Price
370-271-C	50ppm	14,400	200	4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330 390, 430, 560, 620, 750, 820, 910, 1K, 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	**329.95**
370-MF250-C	100ppm	7200	100		**249.95**

Please see page 312 and 313 for additional Mouser Prototype Kits.

Surface Mount Resistors and Resistor Networks

5% THICK FILM CHIP RESISTORS 0805 AND 1206 SIZE

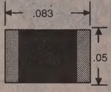
Features:
- High purity alumina substrate
- Wave or flow solderable
- Tight temperature coefficient resistance
- Excellent high frequency characteristics
- Wrap around termination
- Inner electrode protection
- Excellent mechanical strength
- Excellent electrical stability
- High quality thick film element
- Stable high frequency characteristics
- Reduced lead inductance

Available in Reels

Resistor Pricing

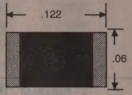
Resistors ordered in lots of 1 reel per value can be combined with the same stock number range for lower price. Annual price agreements are also available. Call any Mouser Service Representative.

0805 Case Style Specifications:
- Rated power: 1/10 watt
- Resistance tolerance: ±5%
- Max working voltage: 100V
- Max overload voltage: 200V
- Operating temperature: -55°C to +125°C
- Temperature coefficient range: ±350ppm/°C



DIMENSIONS (IN.)

1206 Case Style Specifications:
- Rated power: 1/8 watt
- Resistance tolerance: ±5%
- Max working voltage: 200V
- Max overload voltage: 300V
- Operating temperature: -55°C to +125°C
- Temperature coefficient range: ±200ppm/°C



DIMENSIONS (IN.)

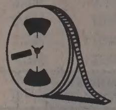


Table of Values in Ω ✻Available only in 0805 Case (260-Value)

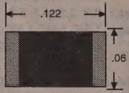
0	16	30	51	91	160	300	510	910	1.6K	3K	5.1K	9.1K	16K	30K	51K	91K	160K	300K	510K	820K
10	18	33	56	100	180	330	560	1K	1.8K	3.3K	5.6K	10K	18K	33K	56K	100K	180K	330K	560K	910K
11	20	36	62	110	200	360	620	1.1K	2K	3.6K	6.2K	11K	20K	36K	62K	110K	200K	360K	620K	1M
12	22	39	68	120	220	390	680	1.2K	2.2K	3.9K	6.8K	12K	22K	39K	68K	120K	220K	390K	✻660K	1.5M
13	24	43	75	130	240	430	750	1.3K	2.4K	4.3K	7.5K	13K	24K	43K	75K	130K	240K	430K	680K	2M
15	27	47	82	150	270	470	820	1.5K	2.7K	4.7K	8.2K	15K	27K	47K	82K	150K	270K	470K	750K	

Case Size	Bulk Packs Parts packed on SMD tape.				Tape and Reel						
	MOUSER STOCK NO.	Price Per Value			MOUSER STOCK NO.	Price Per Reel of 5000					
		1	100	1000		1	2	10	20	100	200
0805	260-Value	.20	.03	.026	260-Value / REEL	95.00	85.00	70.00	43.00	39.75	Call
1206	263-Value	.20	.03	.026	263-Value / REEL	90.00	80.00	65.00	41.00	37.00	

1% THICK FILM CHIP RESISTORS 1206 SIZE

Features:
- High purity alumina substrate
- Wave or flow solderable
- Tight temperature coefficient resistance
- Excellent high frequency characteristics
- Wrap around termination
- Inner electrode protection

Specifications:
- Rated power: 1/8 watt
- Resistance tolerance: ±1%
- Max working voltage: 200V
- Max overload voltage: 300V
- Operating temperature: -55°C to +125°C
- Temperature coefficient range: ±100ppm/°C



DIMENSIONS (IN.)

Available in Reels

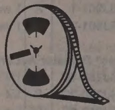


Table of Values in Ω

100	182	332	562	1.0K	1.82K	3.32K	4.75K	6.65K	9.09K	12.1K	18.2K	28K	38.3K	56.2K	82.5K	121K	274K	392K	681K	1.0M
121	200	365	681	1.21K	2.0K	3.57K	4.99K	6.81K	9.76K	13K	20K	30K	39.2K	57.6K	90.9K	150K	300K	475K	750K	
130	249	392	750	1.3K	2.49K	3.65K	5.11K	7.5K	10K	13.7K	26.7K	33.2K	47.5K	68.1K	100K	182K	332K	511K	825K	
150	274	475	825	1.5K	2.74K	3.92K	5.62K	8.25K	10.7K	15K	27.4K	36.5K	51.1K	75K	105K	200K	365K	562K	909K	
169	300	511	909	1.78K	3.0K															

Case Size	Bulk Packs Parts packed on SMD tape.				Tape and Reel						
	MOUSER STOCK NO.	Price Per Value			MOUSER STOCK NO.	Price Per Reel of 5000					
		1	100	1000		1	2	10	20	100	200
1206	290-Value	.38	.05	.045	290-Value / REEL	160.00	140.00	120.00	74.00	70.00	Call

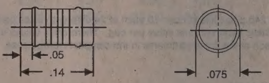
1/8 WATT 5% ROUND CHIP RESISTORS

These metal-electrode face-bonding chip resistors (MELF) permit high density mounting without the need for secondary packing, taping, or magazine-packing. This feature gives them an advantage over conventional resistors.

Reduced to Move!

Limited to Stock on Hand

DIMENSIONS (IN.)



MOUSER STOCK NO.	Price Per Value	
	5	100
296-Value	.027	.007

Table of Values in Ω

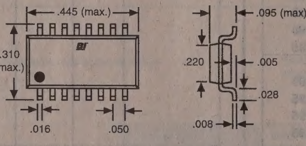
2.7	10	27	56	120	270	560	1.5K	3.3K	8.2K	18K	39K	82K	180K	390K	820K
4.7	12	33	68	150	330	680	1.8K	3.9K	10K	22K	47K	100K	220K	470K	1M
5.6	15	39	82	180	390	820	2.2K	5.6K	12K	27K	56K	120K	270K	560K	
8.2	18	47	100	220	470	1.2K	2.7K	6.8K	15K	33K	68K	150K	330K	680K	

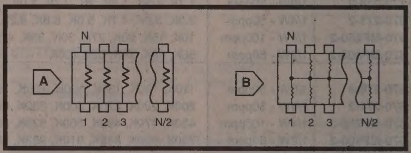
BI technologies CORPORATION SURFACE MOUNT SMALL OUTLINE THICK FILM RESISTOR NETWORKS

MEETS MIL SPECS

Specifications:
- Tolerance: 2%, (or ± 1Ω if <33Ω)
- Operating temperature range: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C (<100Ω = ±250 ppm/°C
- Operating voltage: lesser of 50V or √ PR
- Flammability: UL94V-0 rated
- Lead coplanarity: ±0.002 in. (0.057mm)

DIMENSIONS (IN.)





Features:
- Small outline packaging
- Applicable standards: MIL-R-83401, MIL-STD-105, MIL-STD-202, RS-481-A, and EIA-PDP-100
- Solder (dipped) leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Configuration	Stock Values (Ω) Other Values Available Upon Request	Mfg Series	Power Dissipation (W @ 70°C)		No. of Pins	No. of Resistors	Price Each			
					Per Circuit	Total Pkg. Max			1	100	500	1000
569-628A-Value	A	Isolated	22, 33, 10K, 100K	628A	0.32	1.28	16	8	1.25	.99	.79	.69
569-628B-Value	B	Bussed	1K, 4.7K, 6.8K, 10K	628B	0.16	1.28	16	15	1.25	.99	.79	.69

Resistor Networks

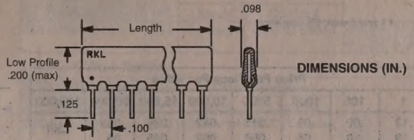
ROHM CONFORMAL COATED SIP RESISTOR NETWORKS

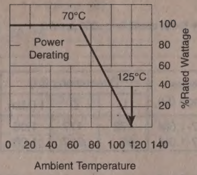
Specifications:

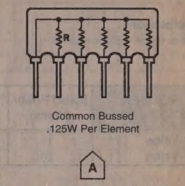
- Resistance range: 100 to 1MΩ
- Tolerance: ±2% or 2Ω, whichever is greater
- Temperature coefficient: +200ppm / °C
- Voltage rating: 100V
- Solderability coverage: 95% (min.)
- Insulation resistance: 1000GΩ

eatures:

- 96% alumina for superior thermal dissipation
- Conformal coating for maximun protection in operating environment
- Crimped, solder coated terminals for maximum electrical and mechanical integrity







Common Bussed
.125W Per Element

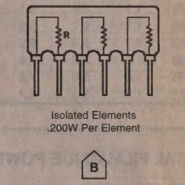
Common Bussed Elements

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length Max. (In.)	Package Power Rating (Watts)	Standard Pack	Standard Box	No. of Pins (N)	No. of Res.	Price Each			
								1	100	500	1000
592-6S-Value	A	.59	0.625	100	1000	6	5	.16	.14	.13	.085
592-8S-Value	A	.79	.875	100	1000	8	7	.21	.19	.18	.11
592-10S-Value	A	.99	1.125	100	1000	10	9	.27	.24	.23	.14

Other Values Available Upon Request

Table of Values (Ω)		
100	2.2K	47K
220	3.3K	100K
330	4.7K	220K
470	10K	1M
1K	22K	



Isolated Elements
.200W Per Element

solated Elements

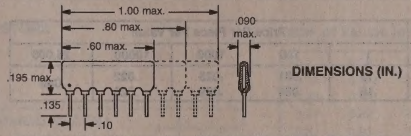
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length Max. (In.)	Package Power Rating (Watts)	Standard Pack	Standard Box	No. of Pins	No. of Res.	Price Each			
								1	100	500	1000
592-6A-Value	B	.59	0.6	100	1000	6	3	.16	.14	.13	.085
592-8A-Value	B	.79	0.8	100	1000	8	4	.21	.19	.18	.11
592-10A-Value	B	.99	1.0	100	1000	10	5	.27	.24	.23	.14

TransOhm LOW PROFILE THICK FILM SIP RESISTOR NETWORKS 2%; 100ppm / °C

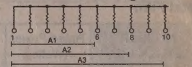
Specifications:

- Reisitance Range: 22Ω to 1MΩ
- Resistance tolerance: ±2%
- Temperature coefficient: 100ppm / °C
- Power rating: 1/8 watt per resistor
- Operating temperature range: -55°C to +150°C
- Solderability: Per MIL-R-83401



MEETS MIL SPECS
MIL-R-83401

Common Bus Confuguration



Pin 1 Common, 5, 7, or 9 Resistors
6, 8, or 10 Pin Single-In-Line Package

A

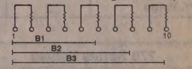
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Cross Reference				No. of Pins (N)	No. of Res.	Price Each		
		Sprague	Dale	Bourns	Allen-Bradley			1	100	500
264-Value	A1	256CF-PD	CSC06A-01-G	4606-101	106A	6	5	.23	.17	.16
265-Value	A2	256CH-PD	CSC08A-01-G	4608-101	108A	8	7	.24	.18	.17
266-Value	A3	256CK-PD	CSC10A-01-G	4610-101	110A	10	9	.29	.24	.22
267-Value	B1	256-CF-SR	CSC06A-03-G	4606-102	106B	6	3	.23	.17	.16
268-Value	B2	256-CH-SR	CSC08A-03-G	4608-102	108B	8	4	.24	.18	.17
269-Value	B3	256-CK-SR	CSC10A-03-G	4610-102	110B	10	5	.29	.24	.22

Other Values Available Upon Request

Table of Values (Ω)				
22	470	3.3K	22K	150K
47	560	4.7K	33K	220K
100	680	5.6K	47K	330K
150	820	6.8K	56K	470K
220	1K	8.2K	68K	560K
270	1.5K	10K	82K	680K
330	2.2K	15K	100K	1M

Isolated Configuration



3, 4, or 5 Isolated Resistors
6, 8, or 10 Pins Single-In-Line Package

B

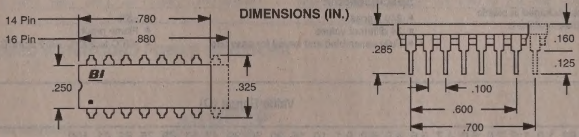
BI technologies DUAL-IN-LINE THICK FILM RESISTOR NETWORKS

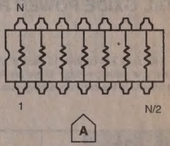
Specifications:

- Tolerance: isolated and common bus = ±2% dual terminal = ±5% (or ±2Ω if <100Ω)
- Operating temp. range: -55°C to +125°C
- Temp. coefficient: ±100 ppm/°C (<100Ω = ±250 ppm/°C)
- Operating voltage: lesser of 100 VDC or $\sqrt{PR}$
- Flammability: UL94V-0 rated

eatures:

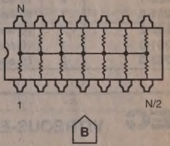
- Standard dip packaging
- Solder plated leads
- Applicable standards: MIL-R-83401, MIL-STD-105, and MIL-STD-202





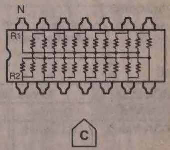
solated Configuration

MOUSER STOCK NO.	Fig.	Stock Values (Ω) (Other Values Available Upon Request)	Mfg. Series	Power Dissipation (W @ 70°C)		No. of Pins (N)	No. of Res.	Price Each				
				Per Circuit	Total Pkg. Max.			1	100	500	1000	5000
569-8993-Value	A	330, 10K	899-3	.250	1.8	14	7	.56	.48	.38	.34	Call For Quote
569-8983-Value	A	22, 27, 33, 39, 47, 51, 56, 100, 150, 220, 330, 470, 1K, 2K, 4.7K, 10K, 33K, 100K	898-3	.250	2.0	16	8	.56	.48	.38	.34	



Bussed Configuration

MOUSER STOCK NO.	Fig.	Stock Values (Ω) (Other Values Available Upon Request)	Mfg. Series	Power Dissipation (W @ 70°C)		No. of Pins (N)	No. of Res.	Price Each				
				Per Circuit	Total Pkg. Max.			1	100	500	1000	5000
569-8991-Value	B	1K, 4.7K, 10K	899-1	.125	1.8	14	13	.56	.48	.38	.34	Call
569-8981-Value	B	1K, 2.2K, 4.7K, 10K	898-1	.125	2.0	16	15	.56	.48	.38	.34	



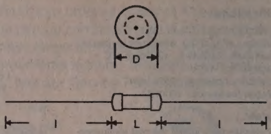
Dual Termination Configuration

MOUSER STOCK NO.	Fig.	Stock Values (Ω) (Other Values Available Upon Request)	Mfg. Series	Power Dissipation (W @ 70°C)		No. of Pins (N)	No. of Res.	Price Each				
				Per Circuit	Total Pkg. Max.			1	100	500	1000	5000
569-8995-Value	C	(R1) (R2), (R1) (R2) 180/390, 220/330	899-5	.125	1.8	14	24	.87	.68	.59	.54	Call For Quote
569-8985-Value	C	180/390, 220/330	898-5	.125	2.0	16	28	.87	.68	.59	.54	

Metal Oxide Power Resistors

METAL OXIDE POWER RESISTORS Flame-proof Metal Oxide Power Resistors

Specifications:
- Temp. range: -55°C to +200°C
- Temp. coefficient: ±350 ppm/°C
- 1 and 2-watt: 5% tolerance



MOUSER STOCK NO.	Rated Power (Watts)	Value Range (Ω)	Dimensions (In)			Price Per Piece Per Value							
			L	D	l (Min)	1	100	1000	5000	10,000	25,000	50,000	100,000
261-Value	1	0.47-1.0M	.473	.177	1.06	.13	.09	.05	.045	.042	.035	.032	Call
262-Value	2	0.47-1.0M	.63	.217	1.06	.19	.10	.06	.056	.052	.045	.04	

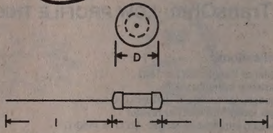
Table of Values (Ω) for 261 and 262

0.47	0.91	2.0	4.3	9.1	20	43	91	200	430	910	2.0K	4.3K	9.1K	20K	39K	75K	150K	300K	560K
0.5	1.0	2.2	4.7	10	22	47	100	220	470	1.0K	2.2K	4.7K	10K	22K	43K	82K	160K	330K	620K
0.51	1.1	2.4	5.1	11	24	51	110	240	510	1.1K	2.4K	5.1K	11K	24K	47K	91K	180K	360K	680K
0.56	1.2	2.7	5.6	12	27	56	120	270	560	1.2K	2.7K	5.6K	12K	27K	51K	100K	200K	390K	750K
0.62	1.3	3.0	6.2	13	30	62	130	300	620	1.3K	3.0K	6.2K	13K	30K	56K	110K	220K	430K	820K
0.68	1.5	3.3	6.8	15	33	68	150	330	680	1.5K	3.3K	6.8K	15K	33K	62K	120K	240K	470K	910K
0.75	1.6	3.6	7.5	16	36	75	160	360	750	1.6K	3.6K	7.5K	16K	36K	68K	130K	270K	510K	1.0M
0.82	1.8	3.9	8.2	18	39	82	180	390	820	1.8K	3.9K	8.2K	18K						

METAL FILM/OXIDE POWER RESISTORS 1 and 2-Watt: 5% Tolerance

Reduced to Move!

Specifications:
- Temperature coefficient: ±500ppm/°C
- For values not listed, please see 261/262 table of values
- These products are being phased out and are being replaced by the 261/262 flame proof metal oxide resistors
- 261/262 flame proof metal oxide types will be subsituted for items out of stock



Metal Film

MOUSER STOCK NO.	Rated Power (Watts)	Value Range (Ω)	Dimensions (In)			Price Per Piece Per Value				
			L	D	l (Min)	1	100	1000	10000	25,000
276-Value	1	.82-20	.51	.18	1.06	.13	.031	.025	.022	Call
274-Value	2	.82-16	.59	.2	1.14	.18	.034	.029	.026	

Metal Oxide

277-Value	1	1.1-39K	.51	.18	1.06	.13	.031	.025	.022	Call
275-Value	2	.68-36K	.59	.2	1.14	.18	.034	.029	.026	

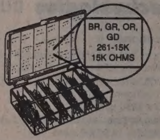
276 Series Values			
0.82	3.9	7.5	16
1.6	4.3	11	18
2.4	4.7	13	20
3.3	6.8	15	

274 Series Values		
0.82	1.6	6.2
1.2	1.8	9.1
1.3	3.6	13
1.5	4.3	16

277 Series Values							
1.1	1.6	3.3	36	620	2.7K	5.1K	20K
1.2	1.8	4.3	91	820	3.2K	7.5K	36K
1.3	2.2	11	180	1.3K	3.6K	13K	39K
1.5	2.7	18	330	2.4K	4.3K	16K	

275 Series Values		
0.68	2.4	3.6K
0.82	9.1	7.5K
1.5	16	36K
1.8	3.2K	

METAL OXIDE POWER RESISTOR KITS

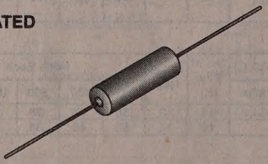


These 240 piece kits contain 10 each pf 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the compact storage case.

Specifications:
- 240 pieces
- 24 different values
- Fully assembled and keyed for easy use
- ±5%
- Flame proof
- -55°C to 200°C ±350 ppm/°C

MOUSER STOCK NO.	Watts	Value Range (Ω)	Price Each
370-261-1	1	**10 each:** .5, .68, .82, 1.0, 1.5, 2.0, 3.0, 4.7, 5.6, 6.8, 8.2, 9.1, 10, 15, 20, 30, 39, 47, 51, 68, 75, 82, 91, 100	34.95
370-262-1	2	**10 each:** .5, .68, .82, 1.0, 1.5, 2.0, 3.0, 4.7, 5.6, 6.8, 8.2, 9.1, 10, 15, 20, 30, 39, 47, 51, 68, 75, 82, 91, 100	39.95
370-261-2	1	**10 each:** 110, 120, 130, 150, 160, 180, 200, 220, 240, 270, 300, 330, 360, 390, 430, 470, 510, 560, 620, 680, 750, 820, 910, 1K	34.95
370-262-2	2	**10 each:** 110, 120, 130, 150, 160, 180, 200, 220, 240, 270, 300, 330, 360, 390, 430, 470, 510, 560, 620, 680, 750, 820, 910, 1K	39.95
370-261-3	1	**10 each:** 1.1K, 1.5K, 2K, 2.7K, 3K, 3.9K, 4.7K, 5.1K, 6.2K, 7.5K, 8.2K, 9.1K, 10K, 15K, 20K, 27K, 30K, 33K, 39K, 47K, 51K, 56K, 62K, 68K	34.95
370-262-3	2	**10 each:** 1.1K, 1.5K, 2K, 2.7K, 3K, 3.9K, 4.7K, 5.1K, 6.2K, 7.5K, 8.2K, 9.1K, 10K, 15K, 20K, 27K, 30K, 33K, 39K, 47K, 51K, 56K, 62K, 68K	39.95

MEC VITREOUS-ENAMEL COATED



Features:
- High stability
- High reliability
- Excellent insulation resistance
- All welded construction for high reliability

Specifications:
- Tolerance: ±5%
- Wirewound
- Lead length: 1.37" min.
- Conformal coated

Table of Values in Ω

0.1	0.47	1.0	3.3	10	27	50	150	500	3.3K
0.15	0.5	1.5	4.0	15	30	56	200	1K	5K
0.22	0.56	2.0	4.7	20	33	75	220	1.5K	
0.27	0.68	2.2	5.0	22	40	100	250	2K	
0.33	0.82	3.0	7.5	25	47	120	470	3K	

3 Watt

Dim: .23" Dia x .52" Length

MOUSER STOCK NO.	Cross Reference		Values (Ω)	Price Each				
	Ohmite	Clarostat		1	10	100	500	1000
289-C3A-Value	23J Series	VC3D Series	0.1-0.68	.99	.76	.69	.63	Call
			0.82-1K	.79	.61	.55	.50	For
			1.5K-5K	1.10	.85	.77	.70	Quote

7 Watt

Dim: .34" Dia x .88" Length

MOUSER STOCK NO.	Cross Reference		Values (Ω)	Price Each				
	Ohmite	Clarostat		1	10	100	500	1000
289-C7-Value	25J Series	VC5E Series	0.1-0.68	1.10	.85	.77	.70	Call
			0.82-1K	.88	.68	.62	.56	For
			1.5K-5K	1.23	.95	.86	.78	Quote

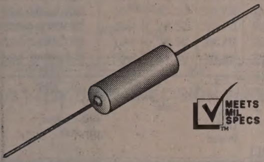
Power Wirewound Resistors

eatures:

High stability
High reliability
Excellent insulation resistance
All welded construction for high reliability

pecifications:

Tolerance: ±5%
Wirewound
Lead length: 1.50"
Conformal coated



SILICONE-COATED

3 Watt, 4 Watt Rating

Dim: .2" Dia x .56" L ± .03

MOUSER STOCK NO.	Max Volt.	Cross Reference		Values (Ω)	Price Each				
		Ohmite	Clarostat		1	10	100	500	1000
285-KNA412-Value	125	43J Series	CSC3D Series	4.0, 25, 27, 33, 50, 75	.79	.62	.56	.51	Call
				2K, 3K, 3.3K	.91	.71	.64	.59	

5 Watt, 6 Watt Rating

Dim: .28" Dia x .83" L ± .03

MOUSER STOCK NO.	Max Volt.	Cross Reference		Values (Ω)	Price Each				
		Ohmite	Clarostat		1	10	100	500	1000
285-KNA620-Value	340	45J Series	CSC5E Series	0.27	1.14	.91	.83	.76	Call
				0.51, 0.68, 2.2, 15, 30, 120, 150, 1.5K	.99	.79	.72	.66	

10 Watt, 12 Watt Rating

Dim: .375" Dia x 1.37" L ± .03

285-KNA833-Value	700	40J Series	CSC10F Series	0.1, 0.15, 0.27, 0.33, 0.56, 1.5, 3.3, 4.7, 27, 33, 56, 220, 250, 470, 1K, 1.5K, 2K	1.34	1.12	1.01	.92	Call

VITREOUS-ENAMEL

3 Watt, 4 Watt Rating

Dim: .21" Dia x .49" L ± .03

MOUSER STOCK NO.	Max Volt.	Cross Reference		Values (Ω)	Price Each				
		Ohmite	Clarostat		1	10	100	500	1000
285-VNA412-Value	125	23J Series	VC3D Series	2.2, 4.7, 27, 30, 500, 1.5K, 2K, 3K, 3.3K	1.27	.97	.88	.80	Call

5 Watt, 7 Watt Rating

Dim: .295" Dia x .836" L ± .03

285-VNA620-Value	350	25J Series	VC5E Series	0.15, 0.27, 0.33, 0.47, 0.51, 0.56, 0.68, 10, 30, 33, 40, 56, 120, 150, 200, 500	1.25	.96	.87	.79	Call

10 Watt, 15 Watt Rating

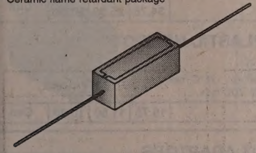
Dim: .385" Dia x 1.80" L ± .03

MOUSER STOCK NO.	Max Volt.	Cross Reference		Values (Ω)	Price Each				
		Ohmite	Clarostat		1	10	100	500	1000
285-VNA844-Value	550	20J Series	VC10F Series	0.15, 0.22, 0.27, 0.33, 0.56, 1.0, 2.0, 2.2, 3.0, 3.3, 4.7, 27, 30, 33, 56, 120, 150, 220, 250, 500, 1K, 3.3K	1.87	1.56	1.43	1.32	Call

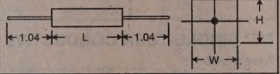
TransOhm™ CEMENT POWER RESISTORS

eatures:

- Exceptionally small, very sturdy, and mechanically reliable
- Sealed with a special cement
- Excellent flame and moisture resistance
- High temperature stability
- Ceramic flame retardant package



DIMENSIONS (IN.)



MTG. Rating	L	W	H
3	.87	.35	.35
5	.88	.38	.34
10	1.90	.38	.39

Table of Values in Ω

0.1	0.58	2.0	5.1	16	43	120	330	680	2K
0.15	0.62	2.2	5.6	18	47	125	350	750	2.2K
0.22	0.68	2.4	6.2	20	50	130	360	800	2.4K
0.27	0.82	2.7	6.8	22	51	150	390	820	2.7K
0.3	0.91	3.0	7.5	24	56	160	400	910	3K
0.33	1.0	3.3	8.2	25	62	180	430	1K	3.3K
0.39	1.1	3.6	9.1	27	68	200	470	1.1K	3.9K
0.43	1.2	3.9	10	30	75	220	500	1.2K	5K
0.47	1.3	4.0	11	33	82	240	510	1.3K	10K
0.5	1.5	4.3	12	36	91	250	560	1.5K	20K
0.51	1.6	4.7	13	39	100	270	600	1.6K	25K
0.56	1.8	5.0	15	40	110	300	620	1.8K	

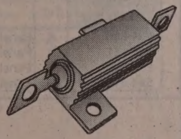
MOUSER STOCK NO.	Cross Reference		Watts	Price Each						
	Dale	TRW/IRC		1	10	100	500	1000	5000	10,000
28PR002-Value	CP-3	PW-3	3 watt 5%	.37	.30	.22	.20	.15	.13	Call
28PR003-Value	CP-3	PW-3	3 watt 10%	.36	.28	.20	.18	.14	.12	For
28PR004-Value	CP-5	PW-5	5 watt 5%	.39	.32	.24	.21	.16	.14	Quote

MOUSER STOCK NO.	Cross Reference		Watts	Price Each						
	Dale	TRW/IRC		1	10	100	500	1000	5000	10,000
28PR005-Value	CP-5	PW-5	5 watt 10%	.37	.29	.21	.19	.15	.13	Call
28PR009-Value	CP-10	PW-10	10 watt 5%	.55	.46	.35	.27	.23	.21	For
28PR010-Value	CP-10	PW-10	10 watt 10%	.50	.40	.32	.26	.21	.19	Quote

XICON ARCOL ALUMINUM HOUSED WIREWOUND POWER RESISTORS

Features:

- Anodized aluminum housing ensures good humidity seal
- Terminations are solder coated
- Designed for chassis or heat-sink mounted for maximum heat dissipation
- High level voltage protection
- Available in 75, 150, 250, and 300 watt sizes



Specifications:

- Insulation resistance: 10 GΩ
- Dielectric strength: 1000VAC peak (10-15W); 2500VAC (25-50W); 5000VAC (100W)
- Resistant element: copper-nickel alloy or nickel chrome alloy
- Housing: anodized aluminum
- Core material: high alumina ceramic

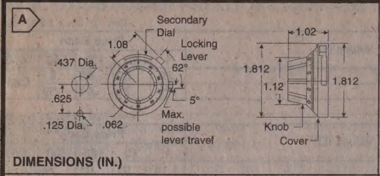
Table of Values in Ω

++ These values are available from stock in 100 watt. Other values are available in 100 watt by special order.

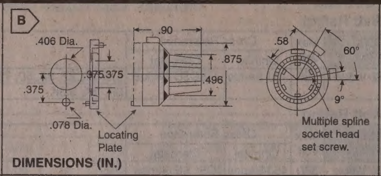
0.1++	0.47++	0.82	3.0	7.5	25	47++	120	470++	3K	50K
0.15	0.5++	1.0++	3.3	10++	27	50	150++	500	3.3K	
0.22++	0.51	1.5	4.0	15++	30	56	200	1K++	5K	
0.27	0.56	2.0	4.7++	20	33++	75	220++	1.5K	10K	
0.33	0.68	2.2++	5.0	22++	40	100++	250	2K	20K	

MOUSER STOCK NO.	Wattage Rating	Dimensions (In)					Values (Ω)	Price Each				
		Body Length	Lead Length	Width	Height	Mounting Holes		1	10	50	100	500
284-HS10-Value	10 watt 5%	.67	.26	.67	.35	.095	0.1-1.5	2.69	2.05	1.86	1.69	Call For Quote
							2.0-2K	2.49	1.95	1.77	1.59	
							3K-5K	2.61	1.99	1.81	1.61	
284-HS15-Value	15 watt 5%	.83	.31	.83	.43	.095	0.1-1.5	2.92	2.22	1.99	1.82	
							2.0-5K	2.61	1.99	1.81	1.69	
284-HS25-Value	25 watt 5%	1.14	.44	1.10	.59	.126	0.1-0.82	4.09	3.19	2.89	2.59	
							1.0-5K	3.36	2.61	2.36	2.11	
284-HS50-Value	50 watt 5%	2.01	.42	1.18	.67	.126	0.1-0.82	4.29	3.29	2.99	2.69	Call For Quote
							1.0-50K	3.74	3.22	2.93	2.66	
284-HS100-Value	100 watt 5%	2.58	.44	1.89	1.02	.173	++ (see table)	14.60	13.27	12.06	10.95	

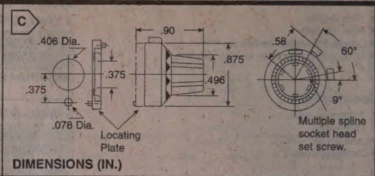
Potentiometers, Dials, and Panel Mount Adaptors


A
Secondary Dial
1.08
Locking Lever
62°
.437 Dia.
.625
5°
Max. possible lever travel
.125 Dia.
.062
1.02
1.812
1.12
1.812
Knob
Cover

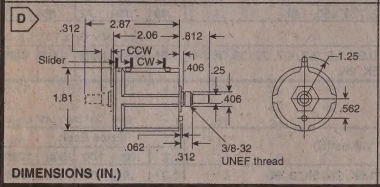
DIMENSIONS (IN.)


B
.406 Dia.
.90
.875
.375
.375
.375
.496
.078 Dia.
Locating Plate
.58
60°
9°
Multiple spline socket head set screw.

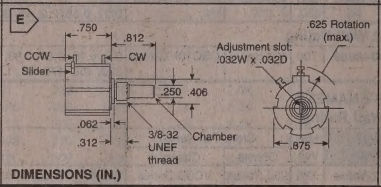
DIMENSIONS (IN.)


C
.406 Dia.
.90
.875
.375
.375
.496
.078 Dia.
Locating Plate
.58
60°
9°
Multiple spline socket head set screw.

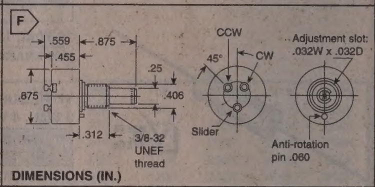
DIMENSIONS (IN.)


D
.312
2.87
2.06
.812
Slider
CCW
CW
.406
.25
1.81
.406
1.25
.562
.062
.312
3/8-32 UNEF thread

DIMENSIONS (IN.)


E
.750
.812
CCW
CW
Slider
.250
.406
.062
.312
3/8-32 UNEF thread
Chamber
.625 Rotation (max.)
Adjustment slot: .032W x .032D
.875

DIMENSIONS (IN.)


F
.559
.875
.455
.25
.875
.406
.312
3/8-32 UNEF thread
CCW
45°
CW
Slider
Adjustment slot: .032W x .032D
Anti-rotation pin .060

DIMENSIONS (IN.)

BI technologies

DUODIAL® PRECISION MULTI-TURN DIALS

MOUSER STOCK NO.	Fig.	Description	Turns	Price Each 1	10	25	50
569-RB-15	A	Black numerals on satin chrome	15	24.90	18.25	17.25	Call For Quote
569-2606-20	B	Black numerals on satin chrome	20	14.45	10.60	10.00	
569-2646-20	C	White numerals on black matte	20	14.45	10.60	10.00	

13/16" 10-TURN WIREWOUND HELIPOT® POTENTIOMETER

Specifications:

- Resistance tolerance: ±5%
- Power rating: 5 watts
- Operating temperature: 85°C max.
- Input voltage: 1000 VDC max.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each 1	5	10	25
569-A-VALUE	D	500, 1K, 2K, 5K, 10K, 20K	46.20	36.75	33.60	Call
		50K, 100K, 200K	49.72	39.55	36.16	

7/8" 10-TURN WIREWOUND HELIPOT® POTENTIOMETER

Specifications:

- Resistance tolerance: ±5%
- Power rating: 2 watts
- Operating temperature: 125°C max.
- Input voltage: 1000 VDC max.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each 1	10	25	50
569-7286-VALUE	E	1K, 2K, 5K, 10K, 20K	11.50	8.40	8.00	Call
		100, 200, 500, 50K, 100K	12.50	9.15	8.75	

7/8" 10-TURN HYBRID HELIPOT® POTENTIOMETER

Specifications:

- Resistance tolerance: ±10%
- Power rating: 2 watts
- Operating temperature: 125°C max.
- Input voltage: 1000 VDC max.

569-8146-VALUE	E	1K, 2K, 5K, 10K, 20K	20.00	14.75	13.95	Call
		50K, 100K	34.75	25.30	24.00	

7/8" SINGLE-TURN CONDUCTIVE PLASTIC HELIPOT®

Specifications:

- Resistance tolerance: ±10%
- Power rating: 1 watt
- Operating temperature: 125°C max.
- Input voltage: 400 VDC max.

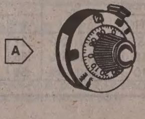
569-6187-VALUE	F	1K, 2K, 5K, 10K, 20K	15.75	11.50	10.90	Call

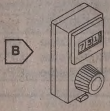
Spectrol

PRECISION DIALS

Features:

- Large, easy to read numbers
- Positive brake action
- Shaft bore is .250"





Metal Shaft

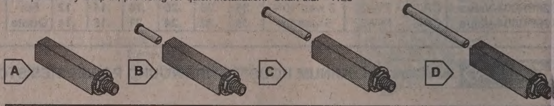
MOUSER STOCK NO.	Fig.	No. of Turns	Minor Scale	Finish Chrome	Size (In.) W	H	Price Each 1	25	50	100
594-16111	A	15	1/50	Clear Anodized	.875	.875	9.68	9.31	8.96	Call For Quote
594-11111	A	11	1/50	Satin	1.0	.826	17.60	16.89	16.27	
594-21111	A	15	1/100	Satin	1.81	1.0	21.30	19.35	17.75	
594-15111	B	10	1/100	Satin	1.0	1.75	17.85	16.70	15.65	

Spectrol

SNAP-ON PANEL MOUNT ADAPTORS

Use with Spectrol 43P series below.

These adaptors allow panel mounting of 3/4" rectangular trimmers. Designed to convert standard trimmer models into panel mounts in a quick and economical manner, accomplished by snap-in, providing for quick installation. Shaft dia. = .125"



MOUSER STOCK NO.	Fig.	Description	Price Each 1	25	50	100
594-610	A	Panel mount adaptor without shaft	1.78	1.63	1.51	Call For Quote
594-611	B	Panel mount adaptor with flush shaft	2.79	2.48	2.34	
594-612	C	Panel mount adaptor with .57" shaft	2.79	2.48	2.34	
594-613	D	Panel mount adaptor with .875" shaft	2.79	2.48	2.34	

Spectrol

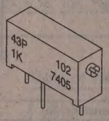
3/4" RECTANGULAR 20 TURN CERMET

Specifications:

- Tolerance: ±10%
- Coefficient of resistance: ±100ppm/°C
- Rating: 0.75 W @ 25°C, derated linearly to 0 W @ 125°C
- Maximum voltage: ≤ 400V
- Temperature range: -55°C to + 125°C
- Contact resistance variation: 3% or 3Ω, whichever is greater

Features:

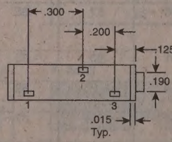
- Unique "T" slider block design
- Easy adjustment and stability


43P
1K
102
7405

Cross-Reference Chart

Spectrol	Bourns	Beckman Ind.	Allen Bradley
43P	3006P	89P	RT5L

DIMENSIONS (IN.)


.300
.200
.125
2
.190
1
3
.015
Typ.

MOUSER STOCK NO.	Value (Ω)	Price Each 1	25	50	100
594-43P100	10	1.38	1.28	1.20	Call For Quote
594-43P200	20	1.38	1.28	1.20	
594-43P500	50	1.38	1.28	1.20	
594-43P101	100	1.38	1.28	1.20	
594-43P201	200	1.38	1.28	1.20	
594-43P501	500	1.38	1.28	1.20	
594-43P102	1K	1.38	1.28	1.20	
594-43P202	2K	1.38	1.28	1.20	Call For Quote
594-43P252	2.5K	1.38	1.28	1.20	
594-43P502	5K	1.38	1.28	1.20	

MOUSER STOCK NO.	Value (Ω)	Price Each 1	25	50	100
594-43P103	10K	1.38	1.28	1.20	Call For Quote
594-43P203	20K	1.38	1.28	1.20	
594-43P253	25K	1.38	1.28	1.20	
594-43P503	50K	1.38	1.28	1.20	
594-43P104	100K	1.38	1.28	1.20	
594-43P204	200K	1.38	1.28	1.20	
594-43P254	250K	1.38	1.28	1.20	
594-43P504	500K	1.38	1.28	1.20	Call For Quote
594-43P105	1M	1.38	1.28	1.20	
594-43P205	2M	1.38	1.28	1.20	

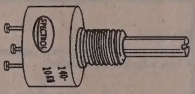
Spectrol Potentiometers

1/2" SINGLE TURN PRECISION WIREWOUND

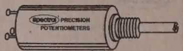
Specifications:

- Body (LxD): .305" x .500"
- Shaft (LxD): .70" x 0.1248"
- Power rating: 2.0 watts @ 40°C derated to zero watts @ 125°C
- Linearity: ±1.0%
- Resistance tolerance: ±5%
- Temperature coefficient: ±20ppm/°C
- Temperature range: -55°C to +125°C
- Electrical rotation: 320° ±5°

MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	5	10	25
594-14000102	1K	28.30	24.76	22.70	Call For Quote
594-14000202	2K	28.30	24.76	22.70	
594-14000502	5K	28.30	24.76	22.70	
594-14000103	10K	28.30	24.76	22.70	
594-14000203	20K	31.20	28.36	25.99	



1/2" TEN TURN PRECISION WIREWOUND



MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	5	10	25
594-16211102	1K	54.80	49.82	45.67	Call For Quote
594-16211202	2K	54.80	49.82	45.67	
594-16211502	5K	54.80	49.82	45.67	
594-16211103	10K	54.80	49.82	45.67	
594-16211203	20K	54.80	49.82	45.67	
594-16211503	50K	72.76	66.15	60.63	
594-16211104	100K	72.76	66.15	60.63	

Specifications:

- Body (LxD): 1.00" x 0.50"
- Shaft (LxD): .687" x .0935"
- Power rating: 2.0 watts @ 40°C derated to zero watts @ 125°C
- Linearity: ±0.3%
- Resistance tolerance: ±5%
- Temperature coefficient: ±20ppm/°C
- Temperature range: -55°C to + 125°C
- Electrical rotation: 3600° +15° - 0°

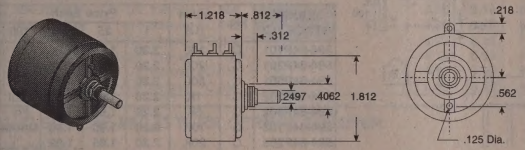
THREE TURN WIREWOUND POTENTIOMETERS

Electrical Specifications:

- Tolerance: ±3%, 200Ω ≤ Rt ≤ 150KΩ
- Power rating: 3W at 40°C derating to 0W at 125°C
- Electrical travel: 1,080°+4°-0°

Physical Specifications:

- Temperature: -55°C to +125°C
- Rotational Life: 500,000 shaft revolutions
- Ganging: 2 sections (max)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	5	10
594-830-1102	3 turn 3 watts potentiometer 1K	48.60	44.28	40.36
594-830-1202	3 turn 3 watts potentiometer 2K	48.60	44.28	40.36
594-830-1502	3 turn 3 watts potentiometer 5K	48.60	44.28	40.36
594-830-1103	3 turn 3 watts potentiometer 10K	48.60	44.28	40.36
594-830-1203	3 turn 3 watts potentiometer 20K	62.42	56.77	50.84
594-830-1503	3 turn 3 watts potentiometer 50K	62.42	56.77	50.84

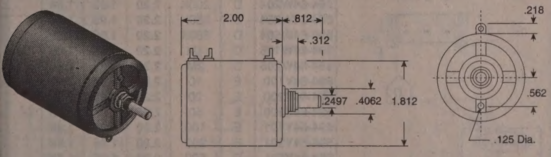
TEN TURN WIREWOUND POTENTIOMETERS

Electrical Specifications:

- Tolerance: ±3%, 200Ω ≤ Rt ≤ 500KΩ
- Power rating: 8W at 40°C derating to 0W at 125°C
- Electrical travel: 3,600°+4°-0°

Physical Specifications:

- Temperature: -55°C to +125°C
- Rotational Life: 500,000 shaft revolutions
- Ganging: 2 sections (max)

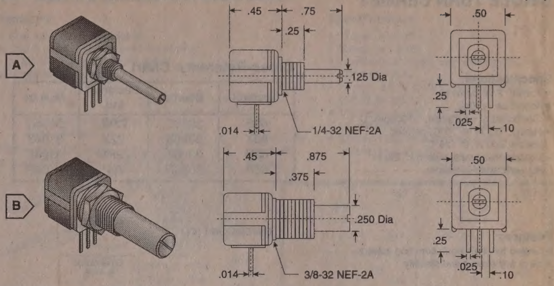


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	5	10
594-860-1501	10 turn 8 watts potentiometer 500	50.33	45.76	42.80
594-860-1102	10 turn 8 watts potentiometer 1K	50.33	45.76	42.80
594-860-1202	10 turn 8 watts potentiometer 2K	50.33	45.76	42.80
594-860-1502	10 turn 8 watts potentiometer 5K	50.33	45.76	42.80
594-860-1103	10 turn 8 watts potentiometer 10K	50.33	45.76	42.80
594-860-1203	10 turn 8 watts potentiometer 20K	50.33	45.76	42.80
594-860-1503	10 turn 8 watts potentiometer 50K	50.33	45.76	42.80

SINGLE-TURN POTENTIOMETERS

DIMENSIONS (IN.)



1/2" Square, PCB Pins Conductive Plastic

Electrical Specifications:

- Tolerance: ±20%
- Power rating: 0.5W at 70°C derating to 0W at 125°C
- Electrical travel: 265° ±5°

Physical Specifications:

- Temperature: -20°C to +125°C
- Rotational Life: 100,000
- Ganging: 4 sections (max)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
594-148-1102	A	Square potentiometer 1K 1/8" shaft	7.48	6.65	5.83
594-148-1502	A	Square potentiometer 5K 1/8" shaft	7.48	6.65	5.83
594-148-1103	A	Square potentiometer 10K 1/8" shaft	7.48	6.65	5.83
594-148-1503	A	Square potentiometer 50K 1/8" shaft	7.48	6.65	5.83
594-148-1104	A	Square potentiometer 100K 1/8" shaft	7.48	6.65	5.83
594-148-7102	B	Square potentiometer 1K 1/4" shaft	7.48	6.65	5.83
594-148-7502	B	Square potentiometer 5K 1/4" shaft	7.48	6.65	5.83
594-148-7103	B	Square potentiometer 10K 1/4" shaft	7.48	6.65	5.83
594-148-7503	B	Square potentiometer 50K 1/4" shaft	7.48	6.65	5.83
594-148-7104	B	Square potentiometer 100K 1/4" shaft	7.48	6.65	5.83

1/2" Square, PCB Pins Cermet

Electrical Specifications:

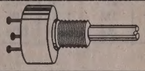
- Tolerance: ±10%
- Power rating: 1W at 85°C derating to 0W at 150°C
- Electrical travel: 265° ±5°

Physical Specifications:

- Temperature: -20°C to +150°C
- Rotational Life: 50,000
- Ganging: 4 sections (max)

594-149-1102	A	Square potentiometer 1K 1/8" shaft	7.48	6.65	5.83
594-149-1502	A	Square potentiometer 5K 1/8" shaft	7.48	6.65	5.83
594-149-1103	A	Square potentiometer 10K 1/8" shaft	7.48	6.65	5.83
594-149-1503	A	Square potentiometer 50K 1/8" shaft	7.48	6.65	5.83
594-149-1104	A	Square potentiometer 100K 1/8" shaft	7.48	6.65	5.83
594-149-7102	B	Square potentiometer 1K 1/4" shaft	7.48	6.65	5.83
594-149-7502	B	Square potentiometer 5K 1/4" shaft	7.48	6.65	5.83
594-149-7103	B	Square potentiometer 10K 1/4" shaft	7.48	6.65	5.83
594-149-7503	B	Square potentiometer 50K 1/4" shaft	7.48	6.65	5.83
594-149-7104	B	Square potentiometer 100K 1/4" shaft	7.48	6.65	5.83

7/8" SINGLE TURN CONDUCTIVE PLASTIC POTENTIOMETERS



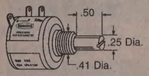
- No mechanical stops

Specifications:

- 1/4" diameter shaft
- Power rating: 1.0W @ 40°C derated to 0 W @ 125°C
- Linearity: ±2%
- Resistance tolerance ±20°C
- Temperature coefficient: ±600ppm/°C
- Rotational life: 2,000,000 turns
- Electrical rotation: 340° ±4°
- Mechanical rotation: continuous

MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	5	10	25
594-15711102	1K	14.82	13.47	12.35	Call For Quote
594-15711202	2K	14.82	13.47	12.35	
594-15711502	5K	14.82	13.47	12.35	
594-15711103	10K	14.82	13.47	12.35	
594-15711203	20K	14.82	13.47	12.35	
594-15711503	50K	14.82	13.47	12.35	

7/8" TEN TURN PRECISION WIREWOUND



DIMENSIONS (IN.)

Specifications:

- Power rating: 3.09 watts @ 40°C derated linearly to zero watts at 125°C
- Linearity: ±0.25%
- Tolerance ±5%
- Temperature coefficient: ±20ppm/°C
- Temperature range: -55°C to +125°C

Features:

- High power rating
- Rugged integrated construction
- Superior stop strength

Cross Reference Chart

Spectrol	Bourns	Beckman Industrial
534	3540	7286
536	3590	7276

Metal Shaft

MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	5	10	25
594-53411101	100	11.00	10.29	9.82	Call For Quote
594-53411201	200	11.00	10.29	9.82	
594-53411501	500	11.00	10.29	9.82	
594-53411102	1K	11.00	10.29	9.82	
594-53411202	2K	11.00	10.29	9.82	
594-53411502	5K	11.00	10.29	9.82	
594-53411103	10K	11.00	10.29	9.82	
594-53411203	20K	11.00	10.29	9.82	
594-53411104	100K	13.89	12.97	12.38	

Plastic Shaft

594-53611101	100	10.80	10.29	9.82	Call For Quote
594-53611201	200	10.80	10.29	9.82	
594-53611501	500	10.80	10.29	9.82	
594-53611102	1K	10.80	10.29	9.82	
594-53611202	2K	10.80	10.29	9.82	
594-53611502	5K	10.80	10.29	9.82	
594-53611103	10K	10.80	10.29	9.82	
594-53611203	20K	10.80	10.29	9.82	
594-53611104	100K	13.62	12.97	12.38	

Spectrol Cermet Potentiometers

SINGLE TURN CERMET

Specifications:
- Travel: 270° nominal
- Tolerance: ±10%
- Coefficient of resistance: ±100ppm/°C
- Rating: 0.5 W @ 70°C, derated linearly to 0 W @ 125°C
- Contact resistance variation: 2% or 2Ω, whichever is greater

Cross-Reference Chart

Spectrol	Bourns	Beckman Ind.	Muarta
63S	3386C	72XL	3104C
63X	3386X	72X	3104X
63M	3386F	72PM	3104F
63P	3386P	72P	3104P

Features:
- Sealed for cleaning in common solvents
- Easy adjustment and stability

DIMENSIONS (IN.)

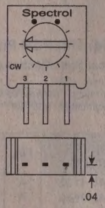
Vertical Side Adjust

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	25	50	100
594-63S101	A	100	1.10	1.05	1.03	
594-63S201	A	200	1.10	1.05	1.03	Call
594-63S501	A	500	1.10	1.05	1.03	For
594-63S102	A	1K	1.10	1.05	1.03	Quote
594-63S502	A	5K	1.10	1.05	1.03	
594-63S103	A	10K	1.10	1.05	1.03	
594-63S203	A	20K	1.10	1.05	1.03	
594-63S253	A	25K	1.10	1.05	1.03	
594-63S503	A	50K	1.10	1.05	1.03	
594-63S104	A	100K	1.10	1.05	1.03	
594-63S204	A	200K	1.10	1.05	1.03	
594-63S254	A	250K	1.10	1.05	1.03	
594-63S504	A	500K	1.10	1.05	1.03	
594-63S105	A	1M	1.10	1.05	1.03	Call
594-63S205	A	2M	1.10	1.05	1.03	For
594-63X101	B	100	1.10	1.05	1.03	Quote
594-63X201	B	200	1.10	1.05	1.03	
594-63X501	B	500	1.10	1.05	1.03	
594-63X102	B	1K	1.10	1.05	1.03	
594-63X202	B	2K	1.10	1.05	1.03	
594-63X502	B	5K	1.10	1.05	1.03	
594-63X103	B	10K	1.10	1.05	1.03	
594-63X203	B	20K	1.10	1.05	1.03	
594-63X253	B	25K	1.10	1.05	1.03	
594-63X503	B	50K	1.10	1.05	1.03	
594-63X104	B	100K	1.10	1.05	1.03	
594-63X204	B	200K	1.10	1.05	1.03	Call
594-63X254	B	250K	1.10	1.05	1.03	For
594-63X504	B	500K	1.10	1.05	1.03	Quote
594-63X105	B	1M	1.10	1.05	1.03	
594-63X205	B	2M	1.10	1.05	1.03	

Horizontal Top Adjust

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	25	50	100
594-63M101	C	100	1.10	1.05	1.03	Call
594-63M201	C	200	1.10	1.05	1.03	For
594-63M501	C	500	1.10	1.05	1.03	Quote
594-63M102	C	1K	1.10	1.05	1.03	
594-63M502	C	5K	1.10	1.05	1.03	
594-63M103	C	10K	1.10	1.05	1.03	
594-63M203	C	20K	1.10	1.05	1.03	
594-63M503	C	50K	1.10	1.05	1.03	
594-63M104	C	100K	1.10	1.05	1.03	
594-63P100	D	10	1.10	1.05	1.03	
594-63P200	D	20	1.10	1.05	1.03	
594-63P500	D	50	1.10	1.05	1.03	
594-63P101	D	100	1.10	1.05	1.03	Call
594-63P201	D	200	1.10	1.05	1.03	For
594-63P501	D	500	1.10	1.05	1.03	Quote
594-63P102	D	1K	1.10	1.05	1.03	
594-63P202	D	2K	1.10	1.05	1.03	
594-63P502	D	5K	1.10	1.05	1.03	
594-63P103	D	10K	1.10	1.05	1.03	
594-63P203	D	20K	1.10	1.05	1.03	
594-63P253	D	25K	1.10	1.05	1.03	
594-63P503	D	50K	1.10	1.05	1.03	
594-63P104	D	100K	1.10	1.05	1.03	
594-63P204	D	200K	1.10	1.05	1.03	Call
594-63P254	D	250K	1.10	1.05	1.03	For
594-63P504	D	500K	1.10	1.05	1.03	Quote
594-63P105	D	1M	1.10	1.05	1.03	
594-63P205	D	2M	1.10	1.05	1.03	

A



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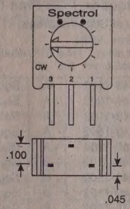

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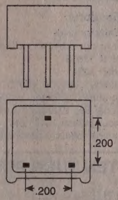

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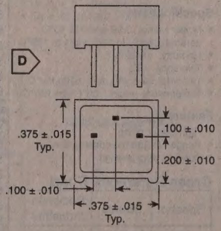
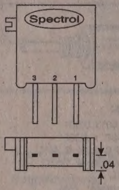


MULTI-TURN CERMET

Specifications:
- 25 turns nominal
- Tolerance: ±10%
- Coefficient of resistance: ±100ppm/°C
- Rating: 0.5 W @ 70°C, derated linearly to 0 W @ 125°C
- Contact resistance variation: 2% or 3Ω, whichever is greater

Features:
- Sealed for cleaning in common solvents
- Easy adjustment and stability

DIMENSIONS (IN.)



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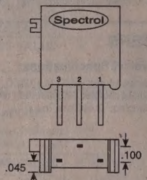

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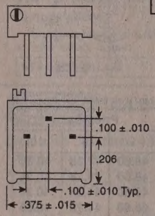

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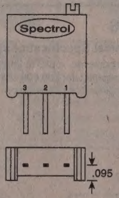

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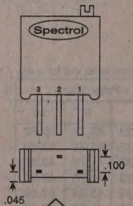


E

Cross-Reference Chart

Spectrol	Bourns	Beckman Ind.	Muarta
64X	3296X, 3292X	66X, 67X, 68X	3102X
64Z	3296Z, 3299Z	67Z	3102Z
64P	3296P, 3292P	66P, 67P, 68P	3102P
64W	3296W, 3292W	67W, 68W	3102W
64Y	3296Y, 3299Y	67Y	3102Y

Vertical Side Adjust

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	25	50	100
594-64X101	A	100	2.20	1.95	1.88	Call
594-64X201	A	200	2.20	1.95	1.88	For
594-64X501	A	500	2.20	1.95	1.88	Quote
594-64X102	A	1K	2.20	1.95	1.88	
594-64X502	A	5K	2.20	1.95	1.88	
594-64X103	A	10K	2.20	1.95	1.88	
594-64X203	A	20K	2.20	1.95	1.88	
594-64X253	A	25K	2.20	1.95	1.88	
594-64X503	A	50K	2.20	1.95	1.88	
594-64X104	A	100K	2.20	1.95	1.88	
594-64X204	A	200K	2.20	1.95	1.88	Call
594-64X254	A	250K	2.20	1.95	1.88	For
594-64X504	A	500K	2.20	1.95	1.88	Quote
594-64X105	A	1M	2.20	1.95	1.88	
594-64X205	A	2M	2.20	1.95	1.88	
594-64Z101	B	100	2.20	1.95	1.88	
594-64Z201	B	200	2.20	1.95	1.88	
594-64Z501	B	500	2.20	1.95	1.88	
594-64Z102	B	1K	2.20	1.95	1.88	
594-64Z502	B	5K	2.20	1.95	1.88	
594-64Z103	B	10K	2.20	1.95	1.88	Call
594-64Z203	B	20K	2.20	1.95	1.88	For
594-64Z503	B	50K	2.20	1.95	1.88	Quote
594-64Z104	B	100K	2.20	1.95	1.88	

Horizontal Side Adjust

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	25	50	100
594-64P101	C	100	2.20	1.95	1.88	
594-64P201	C	200	2.20	1.95	1.88	
594-64P501	C	500	2.20	1.95	1.88	
594-64P102	C	1K	2.20	1.95	1.88	Call
594-64P502	C	5K	2.20	1.95	1.88	For
594-64P103	C	10K	2.20	1.95	1.88	Quote
594-64P203	C	20K	2.20	1.95	1.88	
594-64P503	C	50K	2.20	1.95	1.88	
594-64P104	C	100K	2.20	1.95	1.88	

Vertical Top Adjust

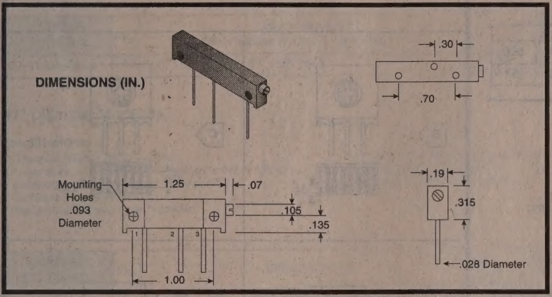
MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	25	50	100
594-64W200	D	20	2.20	1.95	1.88	Call
594-64W500	D	50	2.20	1.95	1.88	For
594-64W101	D	100	2.20	1.95	1.88	Quote
594-64W201	D	200	2.20	1.95	1.88	
594-64W501	D	500	2.20	1.95	1.88	
594-64W102	D	1K	2.20	1.95	1.88	
594-64W502	D	5K	2.20	1.95	1.88	
594-64W103	D	10K	2.20	1.95	1.88	
594-64W203	D	20K	2.20	1.95	1.88	
594-64W253	D	25K	2.20	1.95	1.88	
594-64W503	D	50K	2.20	1.95	1.88	
594-64W104	D	100K	2.20	1.95	1.88	
594-64W204	D	200K	2.20	1.95	1.88	
594-64W254	D	250K	2.20	1.95	1.88	
594-64W504	D	500K	2.20	1.95	1.88	
594-64W105	D	1M	2.20	1.95	1.88	Call
594-64W205	D	2M	2.20	1.95	1.88	For
594-64Y100	E	10	2.20	1.95	1.88	Quote
594-64Y200	E	20	2.20	1.95	1.88	
594-64Y500	E	50	2.20	1.95	1.88	
594-64Y101	E	100	2.20	1.95	1.88	
594-64Y201	E	200	2.20	1.95	1.88	
594-64Y501	E	500	2.20	1.95	1.88	
594-64Y102	E	1K	2.20	1.95	1.88	
594-64Y502	E	5K	2.20	1.95	1.88	
594-64Y103	E	10K	2.20	1.95	1.88	
594-64Y203	E	20K	2.20	1.95	1.88	
594-64Y253	E	25K	2.20	1.95	1.88	
594-64Y503	E	50K	2.20	1.95	1.88	
594-64Y104	E	100K	2.20	1.95	1.88	
594-64Y204	E	200K	2.20	1.95	1.88	Call
594-64Y254	E	250K	2.20	1.95	1.88	For
594-64Y504	E	500K	2.20	1.95	1.88	Quote
594-64Y105	E	1M	2.20	1.95	1.88	
594-64Y205	E	2M	2.20	1.95	1.88	

Spectrol Trimmer Potentiometers and Accessories

1-1/4" RECTANGULAR MULTI-TURN CERMET

Electrical Specifications:
- Tolerance: ±10%
- Power rating:
  1W at 85°C
  Derating to 0W at 150°C
- Electrical travel: 20 turns, nominal
- Dielectric withstanding: 1,000VAC
- Insulation resistance: 1,000MΩ

Mechanical Specifications:
- Stop strength: Clutch idles at stop
- Operating torque: 5.0 oz-in max
- Rotational life: 200 cycles, loaded


DIMENSIONS (IN.)
.30
.70
Mounting Holes .093 Diameter
1.25
.07
.105
.135
1 2 3
1.00
.19
.315
.028 Diameter

For quantities greater than listed, call for quote.

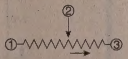
MOUSER STOCK NO.	Description	Price Each		
		1	25	50
594-70Y101	1-1/4" trimmer PC 100	5.25	5.10	5.00
594-70Y201	1-1/4" trimmer PC 200	5.25	5.10	5.00
594-70Y501	1-1/4" trimmer PC 500	5.25	5.10	5.00
594-70Y102	1-1/4" trimmer PC 1K	5.25	5.10	5.00
594-70Y202	1-1/4" trimmer PC 2K	5.25	5.10	5.00
594-70Y502	1-1/4" trimmer PC 5K	5.25	5.10	5.00
594-70Y103	1-1/4" trimmer PC 10K	5.25	5.10	5.00
594-70Y203	1-1/4" trimmer PC 20K	5.25	5.10	5.00
594-70Y503	1-1/4" trimmer PC 50K	5.25	5.10	5.00
594-70Y104	1-1/4" trimmer PC 100K	5.25	5.10	5.00
594-70Y204	1-1/4" trimmer PC 200K	5.25	5.10	5.00
594-70Y504	1-1/4" trimmer PC 500K	5.25	5.10	5.00
594-70Y105	1-1/4" trimmer PC 1M	5.25	5.10	5.00
594-70Y205	1-1/4" trimmer PC 2M	5.25	5.10	5.00

1/4" SQUARE MULTI-TURN CERMET TRIMMER

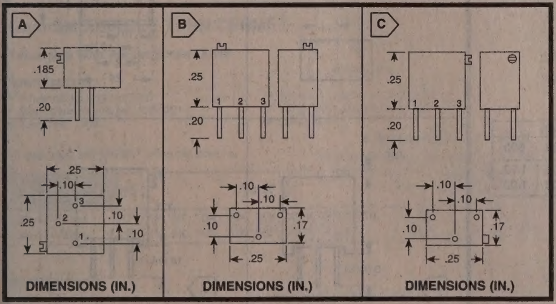
Model 74

Manufactured to meet the highest reliability standards demanded by today's equipment manufacturers. Environmental and performance testing to MIL-STD-202 and MIL-R-22097. Available in 3 pin styles for top or side adjust. Excellent setting stability characteristics and case sealing to 85°C for 1 minute.

Specifications:
- Effective travel: 12 turns nominal
- Power rating: 0.25 watts @ 85°C
- Derated linearly to 0 at 125°C
- Maximum voltage not to exceed 300V
- Operating temperature: -55°C to +125°C
- Contact resistance variation: 3% or 3Ω, whichever is greater
- Resistance tolerance: ±10%
- Temperature coefficient of resistance: ±100ppm/°C



Clockwise

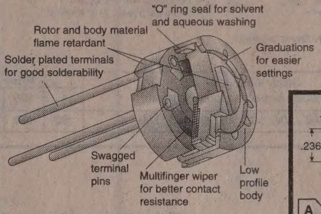

A
.185
.20
.25
.10
3
2
1
.10
.10
.25
DIMENSIONS (IN.)
B
.25
1 2 3
.20
.10
.10
.10
.17
.25
DIMENSIONS (IN.)
C
.25
1 2 3
.20
.10
.10
.10
.17
.25
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each			
			1	25	50	100
594-74P-VALUE	A	1K, 5K, 10K, 50K, 100K	2.84	2.69	2.54	Call For Quote
594-74W-VALUE	B	1K, 5K, 10K, 50K, 100K	2.84	2.69	2.54	
594-74X-VALUE	C	1K, 5K, 10K, 50K, 100K	2.84	2.69	2.54	

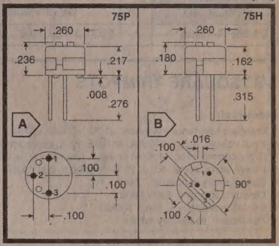
1/4" ROUND SINGLE TURN CERMET

Features:
- Easy adjustment and stability
- Environmental and performance testing to MIL-STD-202 and MIL-R-22097
- Available in side adjust


"O" ring seal for solvent and aqueous washing
Rotor and body material flame retardant
Solder plated terminals for good solderability
Graduations for easier settings
Swagged terminal pins
Multifinger wiper for better contact resistance
Low profile body

Specifications:
- Travel: 230°±5°
- Tolerance: ±10%
- Coefficient of resistance: ±100ppm/°C, 100Ω thru 2MΩ
- Rating: 0.5 W @ 70°C, derated linearly to 0 W @ 125°C
- Maximum voltage: ≤ 300V
- Operating temp.: -55°C to + 125°C
- Contact resistance variation: 3% or 3Ω, whichever is greater

DIMENSIONS (IN.)


75P
.260
.236
.217
.008
.276
A
1
2
3
.100
.100
.100
75H
.260
.180
.162
.315
B
.016
.100
90°
.100

Cross-Reference Chart

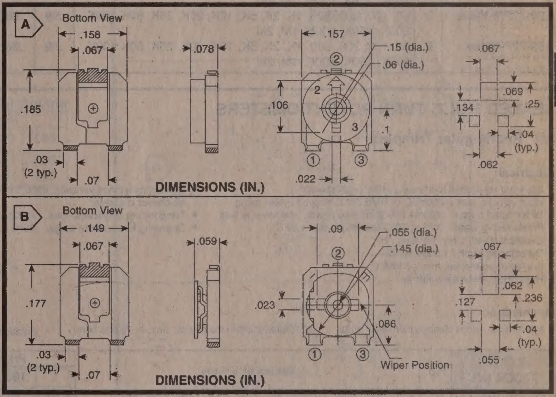
Spectrol	Bourns	Beckman Ind.	Allen Bradley
75P	3329P 3323U	62MR	SVXXX1
75H	3329H	82PR 62PR	AZAXXXU

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each			
			1	25	50	100
594-75P-VALUE	A	500, 1K, 5K, 10K, 20K, 50K, 100K	1.93	1.71	1.54	1.40
594-75H-VALUE	B	500, 1K, 5K, 10K, 20K, 50K, 100K	1.93	1.71	1.54	1.40

4mm SMD TRIMMER POTENTIOMETERS

♦ Surface Mount Device


A
Bottom View
.158
.067
.185
.03 (2 typ.)
.07
.078
.157
.15 (dia.)
.06 (dia.)
②
2
.106
3
.1
①
③
.022
.067
.069
.25
.134
.04 (typ.)
.062
DIMENSIONS (IN.)
B
Bottom View
.149
.067
.177
.03 (2 typ.)
.07
.059
.09
.055 (dia.)
.145 (dia.)
②
.023
.086
①
③
Wiper Position
.067
.062
.236
.127
.04 (typ.)
.055
DIMENSIONS (IN.)

Specifications:
- Effective rotational angle: 240°±10°
- Resistance tolerance: ±25%
- Temperature coefficient of resistance: ±250ppm/°C
- Power rating: 0.1 watts @ 70°C
- Operating temperature range: -55°C to +125°C

Features:
- Mini, super-thin (4.7 x 4.0 x 2.0mm)
- Suitable for flow and reflow soldering
- High reliability
- Sealed to withstand immersion cleaning process
- No cleaning process is necessary after soldering

Sealed Trimmer Model 4M

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each			
			1	25	50	100
♦ 594-004M-VALUE	A	1K, 5K, 10K, 50K, 100K	1.25	1.16	1.07	.98

By The Reel

MOUSER STOCK NO.	Fig.	Values (Ω)	Per Reel of 500			
			1	2	5	10
♦ 594-004M-VALUE/REEL	A	1K, 5K, 10K, 50K, 100K	450.00	405.00	360.00	Call

Specifications:
- Temperature coefficient of resistance: ±250ppm/°C
- Operating temperature range: -55°C to +125°C
- Effective rotational angle: 270° ± 10°
- Max. working voltage: 50VDC
- Power rating: 0.1W @ 70°C
- Resistance tolerance: ±25%

Features:
- Excellent solder wettability
- Nickel barrier layer construction

Open Frame Model 4H

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each			
			1	25	50	100
♦ 594-004H-VALUE	B	1K, 5K, 10K, 50K, 100K	.63	.60	.56	.53

By The Reel

MOUSER STOCK NO.	Fig.	Values (Ω)	Per Reel of 500			
			1	2	5	10
♦ 594-004H-VALUE/REEL	B	1K, 5K, 10K, 50K, 100K	250.00	230.00	215.00	Call

SEALED SINGLE TURN POTENTIOMETERS

1/4" Square Model 25

Specifications:
- Tolerance: ±20% (±10% available)
- Power rating: 0.5 watts @ 70°C derating to 0W @ 125°C
- Temperature coefficient, (max.): ±100ppm/°C <200Ω=±250ppm/°C
- Contact resistance variation, (max.) 1% or 1Ω, whichever is greater
- Operating temperature range: -55°C to +125°C
- Rotational life: 100 cycles
- Electrical travel: 210° nominal

MOUSER STOCK NO.	Fig.	Stock Value (Ω) Other Values Available Upon Request	Price Each			
			1	100	200	500
569-25PR-Value	A	500, 1K, 5K, 10K, 20K, 50K, 100K, 500K, 1M	.83	.64	.57	.53

3/8" SQUARE TRIMPOTS

Electrical:
- Standard resistance tolerance: ±10% (<100Ω=±20%)
- Input voltage, max.: 200VDC or RMS not to exceed power rating
- Slider current, max.: 100mA or within rated power, whichever is less
- Power rating, watts: 0.5 at 70°C derating to 0 at 125°C
- Electrical travel, nominal: 244°
- Dielectric strength: 900V RMS
- Insulation resistance, min.: 100MΩ
- Resolution: essentially infinite
- Contact resistance variation, max.: 1% or 1Ω, whichever is greater
- Temperature coefficient, max.: ±100ppm/°C
- Operating temperature range: -55°C to +125°C

Mechanical:
- Mechanical: stops solid
- Torque, starting maximum: 3oz.-in. (0.021 N-m)
- Rotational life: 200 cycles

MOUSER STOCK NO.	Fig.	Tables of Values	Price Each			
			1	100	200	500
569-72XL-Value	B	50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K,100K, 200K, 250K, 500K, 1M, 2M	.99	.80	.72	Call For Quote
569-72X-Value	C	50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K,100K, 200K, 250K, 500K, 1M, 2M	.99	.80	.72	
569-72PM-Value	D	50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K,100K, 200K, 250K, 500K, 1M, 2M	.99	.80	.72	
569-72P-Value	E	50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K,100K, 200K, 250K, 500K, 1M, 2M	.99	.80	.72	

SEALED MULTI-TURN POTENTIOMETERS

3/4" Rectangular Trimpots

Electrical:
- Standard resistance tolerance: ±10% (<100Ω=±20%)
- Input voltage, max.: 200VDC or RMS not to exceed power rating
- Slider current, max.: 100mA or within rated power, whichever is less
- Power rating, watts: 0.75 at 70°C derating to 0 at 125°C
- Electrical travel, turns, nominal: 20
- Dielectric strength: 1,000V RMS
- Insulation resistance, min.: 100MΩ
- Resolution: essentially infinite
- Contact resistance variation, max.: 1% or 1Ω, whichever is greater
- Temperature coefficient, max.: ±100ppm/°C
- Operating temperature range: -55°C to +125°C

Mechanical:
- Mechanical: stops clutch action, both ends
- Torque, starting maximum: 5oz.-in. (0.035 N-m)
- Rotational life: 200 cycles

MOUSER STOCK NO.	Fig.	Tables of Values	Price Each			
			1	100	200	500
569-89P-Value	F	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 250K, 500K, 1M, 2M	1.22	.99	.89	Call

1/4" Square Model 64

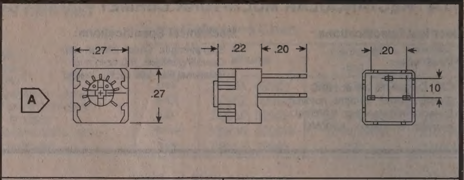
Specifications:
- Tolerance: ±10%
- Power rating: ±0.25 watts @ 85°C derating to 0W @ 150°C
- Temperature coefficient, (max.): ±100ppm/°C
- Contact resistance variation, (max.) 3% or 3Ω, whichever is greater
- Operating temperature range: -65°C to +150°C
- Rotational life: 200 cycles
- Electrical travel: 15 turns (nominal)

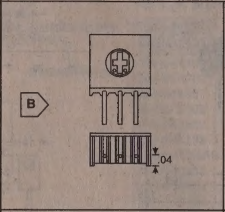
MOUSER STOCK NO.	Fig.	Stock Value (Ω)		Price Each			
				1	100	200	500
569-64WR-Value	G	10K	Other Values Available Upon Request	2.82	2.26	2.03	1.92
569-64PR-Value	H	2K		2.82	2.26	2.03	1.92

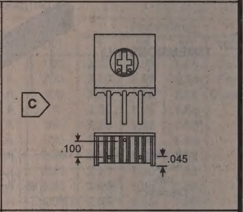
3/8" Square Model 68

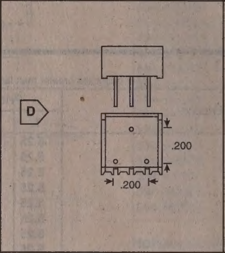
Specifications:
- Tolerance: ±10% (<100Ω = ±20%)
- Power rating: 0.5 watts derating to 0W @ 125°C
- Temperature coefficient, (max.): ±100ppm/°C
- Contact resistance variation, (max.) 3% or 3Ω, whichever is greater
- Operating temperature range: -65°C to +150°C
- Rotational life: 200 cycles
- Electrical travel: 20 turns nominal

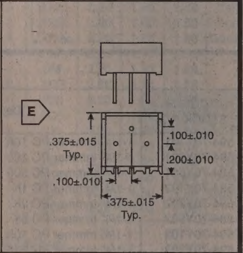
MOUSER STOCK NO.	Fig.	Stock Value (Ω) Other Values Available Upon Request	Price Each			
			1	100	200	500
569-68WR-Value	I	500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 200K, 500K	1.96	1.59	1.43	1.34
569-68XR-Value	J	5K, 10K, 50K, 100K	1.96	1.59	1.43	1.34

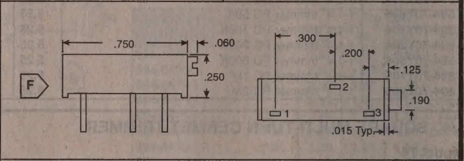


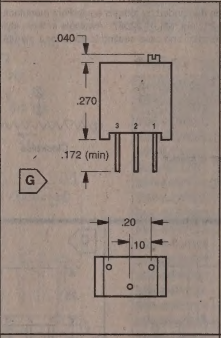


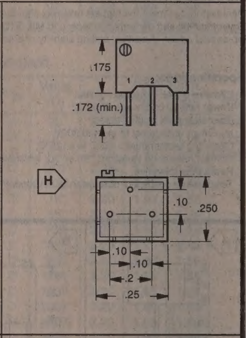


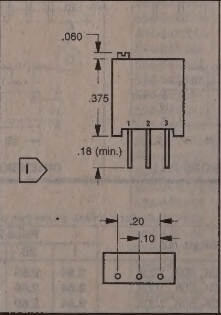


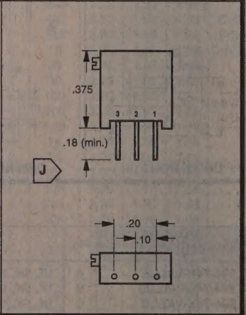












Cermet Trimmer Potentiometers

BI technologies SEALED SINGLE TURN POTENTIOMETERS

3/8" Diameter Model 91

∗Not Sealed

Specifications:

- Tolerance: ±20%
- Power rating: 0.5 watts @ 70°C derating to 0W @ 125°C
- Temperature coefficient, (max.): ±100 ppm/°C
- Contact resistance variation, (max.) 2% or 3Ω, whichever is greater
- Operating temperature range: -55°C to +125°C
- Rotational life: 200 cycles
- Electrical travel: 174° nominal

MOUSER STOCK NO.	Fig.	Stock Value (Ω) Other Values Available Upon Request	Price Each			
			1	100	200	500
569-91AR-Value	A	500, 1K, 2K, 5K, 10K, 20K,100K	.72	.58	.52	.49

1/2" Diameter Model 93

Specifications:

- Tolerance: ±10% (<100Ω = ±20%)
- Power rating: 1.0 watts @ 70°C derating to 0W @ 125°C
- Temperature coefficient, (max.): ±100 ppm/°C
- Contact resistance variation, (max.) 3% or 3Ω, whichever is greater
- Operating temperature range: -55°C to +125°C
- Rotational life: 200 cycles
- Electrical travel: 270° nominal

MOUSER STOCK NO.	Fig.	Stock Value (Ω)	Price Each			
			1	100	200	500
569-93PR-Value	B	1K, 10K, 100K Other Values Available Upon Request	3.15	2.53	2.28	2.16

BI technologies SEALED SURFACE MOUNT TRIMMERS

4mm Cermet Model 23

Specifications:

- Tolerance: ±20%
- Power rating: 0.25 watts @ 70°C derating to 0W @ 125°C
- Temperature coefficient, (max.): ±100 ppm/°C <200Ω = ±250 ppm/°C
- Contact resistance variation, (max.) 2% or 3Ω, whichever is greater
- Operating temperature range: -55°C to +125°C
- Rotational life: 100 cycles
- Electrical travel: 200° nominal

◆ Surface Mount Device

MOUSER STOCK NO.	Fig.	Stock Value (Ω)	Price Each			
			1	100	200	500
◆569-23AR-Value	C	10K Other Values Available Upon Request	1.53	1.24	1.11	1.05
◆569-23BR-Value	D	10K	1.53	1.24	1.11	1.05

Multi-Turn 1/4" Square Model 84

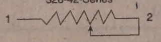
Specifications:

- Tolerance: ±10%
- Power rating: 0.25 watts @ 85°C derating to 0W @ 150°C
- Temperature coefficient, (max.): ±100 ppm/°C <100Ω = ±250 ppm/°C
- Contact resistance variation, (max.) 3% or 3Ω, whichever is greater
- Operating temperature range: -65°C to +150°C
- Rotational life: 100 cycles
- Electrical travel: 15 turns nominal

MOUSER STOCK NO.	Fig.	Stock Value (Ω)	Price Each			
			1	100	200	500
◆569-84WR-Value	E	10K Other Values Available Upon Request	2.99	2.51	2.29	2.18

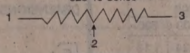
4mm SMD SINGLE TURN CERMET

328-42-Series



Variable Resistor

328-43-Series



Potentiometer

Adjustable With Pocket Screw Driver

Specifications:

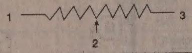
- Power rating: 0.2W at 70°C
- Max. operating voltage: 100VDC
- Tolerance: ±30%
- Rotational torque: 20 to 200g/cm
- Temperature coefficient: ±250ppm/°C
- Linear taper

◆ Surface Mount Device

To order reels add "/REEL" to Mouser stock no.

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			Reels 750 Per Reel Price Per Reel
			1	10	100	1
◆328-42-Value	F	1K, 5K, 10K, 20K, 50K, 100K, 500K	.62	.51	.47	318.00
◆328-43-Value	G	1K, 5K, 10K, 20K, 50K, 100K, 500K	.62	.51	.47	318.00



Specifications:

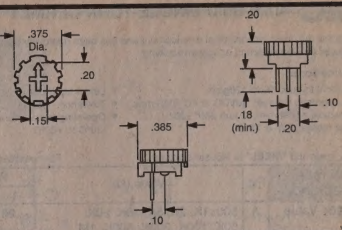
- Sealed for flow soldering
- Rotational torque: 20 to 200g/cm
- Linear taper
- Max. operating voltage: 50VDC
- Tolerance: ±25%
- Power rating: 0.1W

To order reels add "/REEL" to Mouser stock no.

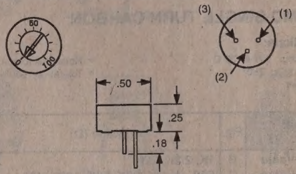
For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			Reels 500 Per Reel Price Per Reel
			1	10	100	1
◆328-45-Value	H	500, 1K, 5K, 10K, 20K, 50K, 100K	1.18	.91	.82	375.00

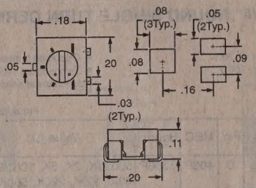
A



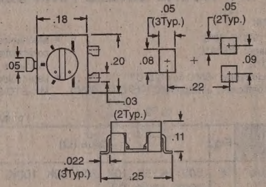
B



C



D



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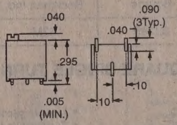

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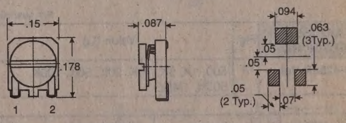

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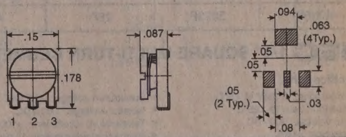

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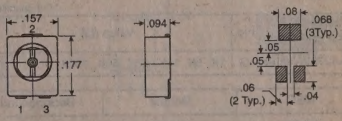


Trimmer Potentiometers

MEC 4mm SMD SINGLE TURN CERMET

Incorporates the latest technological development and has been rigorously tested to the highest standards. Tape sealed for flow soldering or solvent washing.

Specifications:
- Rotational torque: 20 to 170g/cm
- Max. operating voltage: 20VDC or AC RMS max.
- Mechanical adjustment: 1 turn 260° ±20°
- Power rating: .1W @ 70°C
- Linear taper
- Tolerance: ±25%
- Operating temperature: -20°C to +85°C

Available in Reels

To order reels add **"/REEL"** to Mouser stock no. For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			Price Per Reel of 750
			1	10	100	
323-3204-Value	A	500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1M	.98	.76	.69	425.00

4mm SMD SINGLE TURN CARBON

Specifications:
- Power rating: .1W @ 70°C
- Rotation angle: 250°
- Linear taper
- Rotational torque: 20 to 200g/cm
- Tolerance: ±30%

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
321-3100-Value	B	1K, 2.2K, 22K	.78	.59	.53	Call
321-3000-Value	C	500, 1K, 2K, 30K, 50K, 100K, 1M	.78	.59	.53	

MEC 1/4" ROUND SINGLE TURN CERMET

Specifications:
- Power rating: .3W @ 70°C
- Operating voltage: 100V
- Tolerance: ±20%
- Operating temperature: -25°C to +100°C
- Temperature coefficient: ±200ppm/°C
- Mechanical adjustment: single turn 200° nominal

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	MEC	Bourns	Value (Ω)	Price Each			
					1	10	100	500
323-5000-Value	D	406P	3306P	500, 1K, 2K, 5K, 10K, 22K, 50K, 100K, 220K, 500K, 1M	.87	.67	.61	.55

MEC 1/4" ROUND SINGLE TURN CERMET

Specifications:
- Power rating: .5W @ 70°C
- Operating voltage: 200VDC
- Tolerance: ±20%
- Operating temperature: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C (-15°C to +85°C)
- Mechanical adjust.: single turn -270° nominal construction: enclosure is fully sealed to overcome immersion test of MIL-R-22097
- Lead solderability: meets the requirements of MIL-STD-202, method 208A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-4200-Value	E	500, 1K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1M	1.39	1.16	1.05	.95

MEC	Bourns	Beckman Ind.	A. Bradley	Spectrol
471	3329P	62M	A2B	75H

MEC 1/4" SQUARE SINGLE TURN CERMET

Specifications:
- Power rating: .5W @ 70°C
- Operating voltage: 200VDC
- Tolerance: ±20%
- Operating temperature: -55°C to +120°C
- Temperature coefficient: ±100ppm/°C (-15°C to +85°C)
- Mechanical adjustment: single turn 200° nominal

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-4255P-Value	F	500, 1K, 5K, 10K, 20K, 50K, 100K, 500K, 1MEG	1.63	1.36	1.24	1.13

MEC	Bourns	Beckman Ind.	A. Bradley	Spectrol
4255P	3323P	25P	A10	67P

MEC 1/4" SQUARE MULTI-TURN CERMET

Specifications:
- Power rating: 0.25W @ 85°C derating to zero @ 125°C
- Input voltage: 300VDC
- Tolerance: ±10%
- Linear taper
- Breakdown voltage: 420 VAC
- Isolation voltage: 300 VDC
- Temperature coefficient: ±100ppm/°C max., (20°C to 70°C)
- Mechanical adjustment: 13 turns, nominal

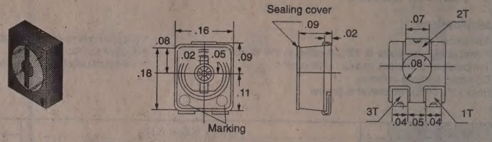
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-4270W-Value	G	1K, 5K, 10K, 20K, 50K, 100K	2.83	2.62	2.38	1.95

MEC	Bourns	Beckman Ind.	A. Bradley
4270W	3266W	64W	98W

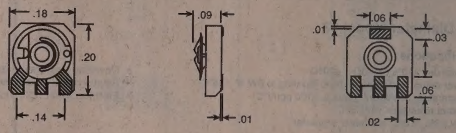
DIMENSIONS (IN.)

A



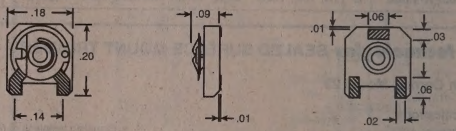
DIMENSIONS (IN.)

B



DIMENSIONS (IN.)

C



DIMENSIONS (IN.)

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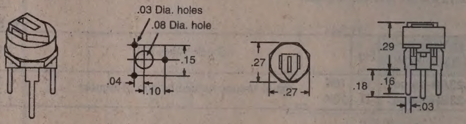

DIMENSIONS (IN.)

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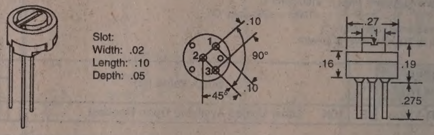
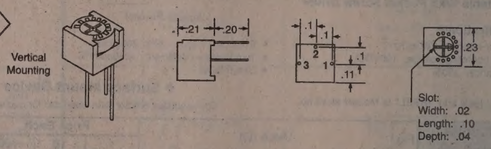


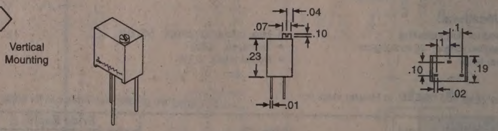
DIMENSIONS (IN.)

F



DIMENSIONS (IN.)

G



MEC Trimmer Potentiometers

7mm SMD MULTI-TURN CERMET

Specifications:

- Power rating: .25W @ 5°C
- Hi-temperature materials
- 12 turns nominal
- Linear taper
- Tolerance: ±10%

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-3270-Value	A	1K, 5K, 10K, 20K, 50K, 100K	4.19	3.49	3.17	2.88

9mm SINGLE TURN CERMET TRIMMERS

Offering the stability of a cermet resistive element

Specifications:

- Power rating: 0.5W @ 70°C derating to zero @ 100°C
- Max working voltage: 200VDC or 200VAC RMS max.
- Tolerance: ±20%
- Temperature coefficient: ±250ppm/°C max.
- Operating temperature range: -25°C to +100°C
- Sealing: dust proof
- Mechanical rotation: 1 turn -260° nominal

Features:

- Dust and splash proof
- PCB standoffs
- High reliability
- Rugged construction

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-409H-Value	B	500, 1K, 5K, 10K, 20K, 50K, 100K, 1M	.61	.41	.37	.34
323-409V-Value	C	500, 1K, 5K, 10K, 20K, 50K, 100K, 1M	.61	.41	.37	.34

3/8" SQUARE SINGLE TURN CERMET

Specifications:

- Power rating: .5W @ 70°C
- Operating voltage: 200VDC
- Tolerance: ±10%
- Temperature coefficient: ±100ppm/°C max.
- Operating temperature: -55°C to +125°C
- Mechanical adjustment: single turn 300° nominal
- Solvent immersible

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-4295X-Value	D	500, 1K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1MEG	1.11	.85	.77	.70
323-4295P-Value	E	500, 1K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1MEG	1.11	.85	.77	.70

MEC	Bourns	Beckman Ind.	A. Bradley	Spectrol
4295X / 4295P	3386X / 3386P	72X / 72P	E4A / E2A	63X / 63P

3/8" SQUARE MULTI-TURN CERMET

Specifications:

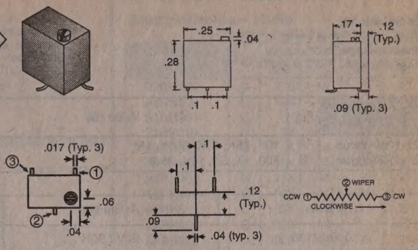
- Power rating: .5W @ 70°C derating to zero @ 125°C
- Operating voltage: 300VDC
- Tolerance: ±10%
- Operating temp.: -55°C to +125°C
- Isolation voltage: 430VDC
- Insulation resistance: 1000MΩ @ 500VDC (min.)
- Temperature coefficient: ±100ppm/°C (max)
- Mechanical adjustment: 25 turns nominal
- Linear taper

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-4290X-Value	F	1K, 5K, 10K, 20K, 50K, 100K, 500K	1.97	1.64	1.49	1.35
323-4290W-Value	G	1K, 2K, 5K, 10K, 20K, 50K, 100K	1.97	1.64	1.49	1.35

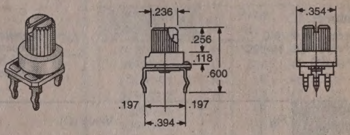
MEC	Bourns	Beckman Ind.	A. Bradley
4290X / 4290W	3296X / 3296W	67X / 67W	64X / 64W

A



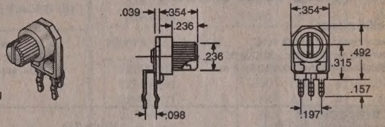
B

Horizontal Mounting



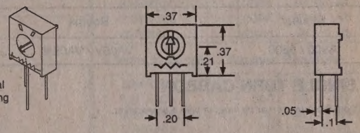
C

Vertical Mounting



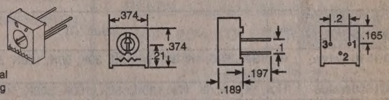
D

Vertical Mounting



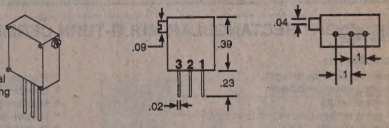
E

Horizontal Mounting



F

Vertical Mounting



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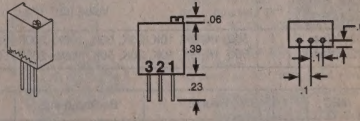
Vertical Mounting



Trimmer Potentiometers

10mm FULLY ENCLOSED CARBON

Specifications:

- Power rating: .1W @ +70°C
- Rotational angle: 280° ±10°
- Operating temp.: -10°C to +70°C
- Rotational torque: 30~300g/cm
- Tolerance: ±30%
- Linear taper

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
321-1000-Value	A	10K, 25K, 50K, 500K, 1M	.56	.37	.34	.31
321-1100-Value	B	500, 1K, 5K, 10K, 250K	.56	.37	.34	.31

Mouser	A. Bradley	Panasonic
1000 / 1100	90V / 90H	EVN-K4A / EVN-K0A

10mm SINGLE TURN CERMET

Reduced to Move!

Specifications:

- Power rating: .5W @ 70°C
- Max. applied voltage: 350VDC
- Tolerance: ±20%
- Operating temp.: -30°C to +85°C
- Temperature coefficient: ±250ppm/°C
- Mechanical rotation: 260° +10°
- Breakdown voltage: 500V AC for 1 minute

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
322-9400-Value	C	1K, 5K,	.79	.62	.55	.52
322-9300-Value	D	500, 1K	.79	.62	.55	.52

10mm SINGLE TURN CARBON

Specifications:

- Power rating: .3 watt @ 70°C
- Operating temperature: -30°C to 85°C
- Breakdown voltage: 500VAC for 1 min.
- Mechanical rotation: 260° +10°
- Tolerance: ±25%
- Max. applied voltage: 350VDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
322-6800-Value	E	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 1MEG	.81	.62	.56	.52
322-5800-Value	F	100, 500, 1K, 5K, 10K, 20K, 50K, 100K, 1MEG	.81	.62	.56	.52

Mouser	Bourns	A. Bradley
6800 / 5800	VA05V / VA05H	90V / 90H

15mm SINGLE TURN CARBON

Adjustable from the front or rear by hand or with a screwdriver.

Specifications:

- Power rating: .25 watt
- Standard tolerance: ≤500Ω±30% >500Ω±20%, ≥500KΩ±30%
- Linear taper
- Voltage rating: 200VDC
- Rotational angle: 230° ±20°
- Nominal temperature range: -25°C to +70°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
320-1510-Value	G	300, 500, 1K, 3K, 5K, 10K, 30K, 50K, 100K, 300K, 500K, 1MEG	.46	.36	.33	.30
320-1520-Value	H	1K, 3K, 5K, 10K, 30K, 50K, 100K, 300K, 500K,	.46	.36	.33	.30

Mouser	CTS	Panasonic
1510 / 1520	X201 / U201	EVL-Q0A / EVL-Q1A

MEC 3/4" RECTANGULAR MULTI-TURN CERMET

Specifications:

- Power rating: 0.75W @ 40°C
- Operating voltage: 300VDC
- Tolerance: ±10%
- Operating temperature: -65°C to +125°C
- Dielectric strength: 350VAC
- Insulation resistance: 100M Ω @ 500VDC
- Temperature coefficient: ±100ppm/°C (max.)
- Electrical adjustment: 15 turns, nominal
- Operating torque: 360 g/cm max.
- Mechanical stops: slipping clutch at both ends
- Construction: enclosure is fully sealed
- Operating temperature: -55°C to +125°C (Standard case)
- -55°C to +105°C (transparent case)

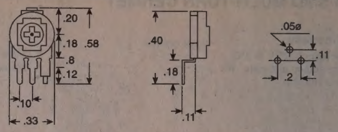
For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
323-433-Value	I	500, 1K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1MEG	1.31	1.09	.99	.90
323-422-Value	J	500, 1K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1M	1.39	1.16	1.05	.95

MEC	Bourns	Beckman Ind.	A. Bradley	Spectrol
433 / 422	3006P / 3006P-7	89P / 90P	94P / 95P	43P

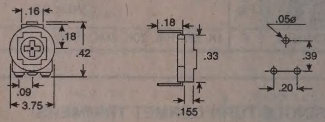
A

Vertical Mounting



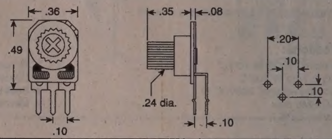
B

Horizontal Mounting



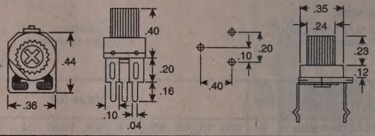
C

Vertical Mounting



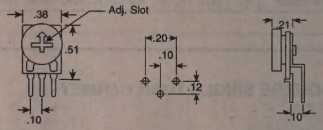
D

Horizontal Mounting



E

Vertical Mounting



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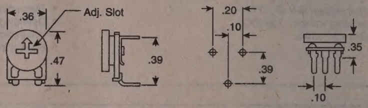
Horizontal Mounting



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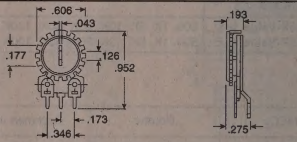
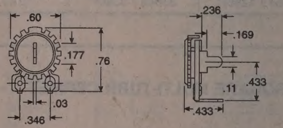
Vertical Mounting



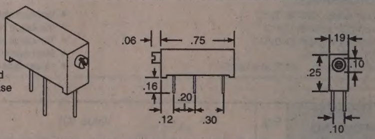
H

Horizontal Mounting



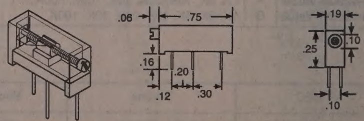
I

Standard Plastic Case



J

Transparent Nylon Case



MOUSER® Single Turn Trimmer Potentiometers

.05 WATT 30% TOLERANCE

6mm Vertical - Hi-Rel

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value	Price Each		
		(Ω)	1	10	100
32RF205	A	500	.59	.39	.35
32RF301	A	1K	.59	.39	.35
32RF302	A	2K	.59	.39	.35
32RF403	A	25K	.59	.39	.35
32RF503	A	250K	.59	.39	.35
32RF505	A	500K	.59	.39	.35

6mm Vertical

321-2100-500	B	500	.56	.37	.34
321-2100-1K	B	1K	.56	.37	.34
321-2100-5K	B	5K	.56	.37	.34
321-2100-10K	B	10K	.56	.37	.34
321-2100-25K	B	25K	.56	.37	.34
321-2100-50K	B	50K	.56	.37	.34
321-2100-100K	B	100K	.56	.37	.34
321-2100-250K	B	250K	.56	.37	.34
321-2100-500K	B	500K	.56	.37	.34
321-2100-1M	B	1Meg	.56	.37	.34

6mm Horizontal

321-2000-500	C	500	.56	.37	.34
321-2000-1K	C	1K	.56	.37	.34
321-2000-5K	C	5K	.56	.37	.34
321-2000-10K	C	10K	.56	.37	.34
321-2000-25K	C	25K	.56	.37	.34
321-2000-50K	C	50K	.56	.37	.34
321-2000-100K	C	100K	.56	.37	.34
321-2000-250K	C	250K	.56	.37	.34
321-2000-500K	C	500K	.56	.37	.34
321-2000-1M	C	1Meg	.56	.37	.34

.1 WATT 20% TOLERANCE

8mm Vertical - Standard

For quantities greater than listed, call for quote.

32AG301	D	1K	.26	.21	.19
32AG305	D	5K	.26	.21	.19
32AG401	D	10K	.26	.21	.19
32AG405	D	50K	.26	.21	.19
32AG501	D	100K	.26	.21	.19
32AG505	D	500K	.26	.21	.19

8mm Horizontal

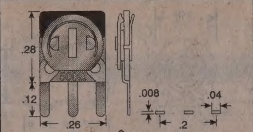
32AA301	E	1K	.26	.21	.19
32AA305	E	5K	.26	.21	.19
32AA401	E	10K	.26	.21	.19
32AA405	E	50K	.26	.21	.19
32AA501	E	100K	.26	.21	.19
32AA505	E	500K	.26	.21	.19

.1 WATT 30% TOLERANCE

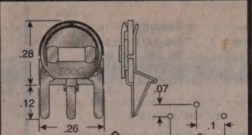
8mm Vertical - Hi-Rel

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value	Price Each		
		(Ω)	1	10	100
32RM202	F	200	.49	.33	.29
32RM205	F	500	.49	.33	.29
32RM301	F	1K	.49	.33	.29
32RM302	F	2K	.49	.33	.29
32RM305	F	5K	.49	.33	.29
32RM401	F	10K	.49	.33	.29
32RM403	F	25K	.49	.33	.29
32RM405	F	50K	.49	.33	.29
32RM501	F	100K	.49	.33	.29
32RM503	F	250K	.49	.33	.29
32RM505	F	500K	.49	.33	.29
32RM601	F	1Meg	.49	.33	.29



A DIMENSIONS (IN.)



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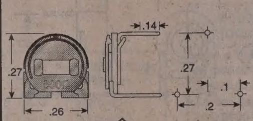

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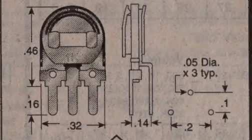
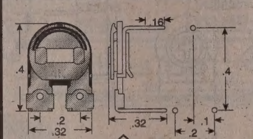
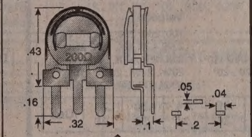


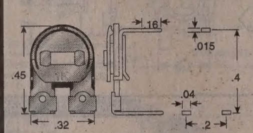
D DIMENSIONS (IN.)



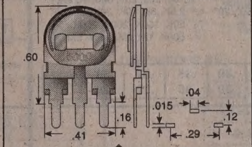
E DIMENSIONS (IN.)



F DIMENSIONS (IN.)



G DIMENSIONS (IN.)



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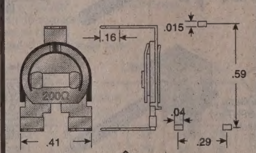
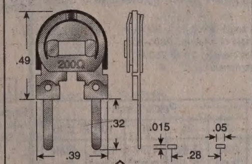


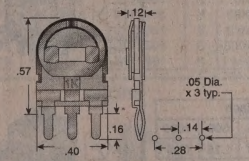
I DIMENSIONS (IN.)



J DIMENSIONS (IN.)

DIMENSIONS (IN.)

K



.1 WATT 30% TOLERANCE

8mm Horizontal - Hi-Rel

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value	Price Each		
		(Ω)	1	10	100
32RH202	G	200	.44	.33	.27
32RH205	G	500	.44	.33	.27
32RH301	G	1K	.44	.33	.27
32RH302	G	2K	.44	.33	.27
32RH305	G	5K	.44	.33	.27
32RH401	G	10K	.44	.33	.27
32RH403	G	25K	.44	.33	.27
32RH405	G	50K	.44	.33	.27
32RH501	G	100K	.44	.33	.27
32RH503	G	300K	.44	.33	.27
32RH505	G	500K	.44	.33	.27
32RH601	G	1Meg	.44	.33	.27

10mm Vertical - Hi-Rel

MOUSER STOCK NO.	Fig.	Value	Price Each		
		(Ω)	1	10	100
32RV202	H	200	.49	.36	.32
32RV205	H	500	.49	.36	.32
32RV301	H	1K	.49	.36	.32
32RV302	H	2K	.49	.36	.32
32RV305	H	5K	.49	.36	.32
32RV401	H	10K	.49	.36	.32
32RV403	H	25K	.49	.36	.32
32RV405	H	50K	.49	.36	.32
32RV501	H	100K	.49	.36	.32
32RV503	H	300K	.49	.36	.32
32RV505	H	500K	.49	.36	.32
32RV601	H	1Meg	.49	.36	.32

10mm Horizontal

32RW202	I	200	.56	.41	.37
32RW205	I	500	.56	.41	.37
32RW301	I	1K	.56	.41	.37
32RW302	I	2K	.56	.41	.37
32RW305	I	5K	.56	.41	.37
32RW401	I	10K	.56	.41	.37
32RW403	I	25K	.56	.41	.37
32RW405	I	50K	.56	.41	.37
32RW501	I	100K	.56	.41	.37
32RW503	I	250K	.56	.41	.37
32RW505	I	500K	.56	.41	.37
32RW601	I	1Meg	.56	.41	.37

10mm Vertical - Trimmer Resistor

32HA202	J	200	.35	.29	.23
32HA205	J	500	.35	.29	.23
32HA301	J	1K	.35	.29	.23
32HA302	J	2K	.35	.29	.23
32HA305	J	5K	.35	.29	.23
32HA401	J	10K	.35	.29	.23
32HA405	J	50K	.35	.29	.23
32HA501	J	100K	.35	.29	.23
32HA503	J	250K	.35	.29	.23
32HA601	J	1Meg	.35	.29	.23

.1 WATT 20% TOLERANCE

10mm Vertical - Standard

For quantities greater than listed, call for quote.

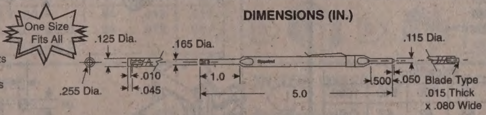
32AK301	K	1K	.27	.22	.20
32AK305	K	5K	.27	.22	.20
32AK401	K	10K	.27	.22	.20
32AK405	K	50K	.27	.22	.20
32AK501	K	100K	.27	.22	.20
32AK505	K	500K	.27	.22	.20

TRIMMER ADJUSTMENT TOOL

Features:

- Extended as well as recessed blade for critical adjustments
- Designed to adjust trimmer potentiometers of all sizes
- Made of glass filled nylon with corrosion resistant stainless steel blades

DIMENSIONS (IN.)



MOUSER STOCK NO.	Price Each			
	1	25	50	100
594-8T000	1.06	.95	.86	Call

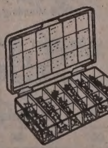
HORIZONTAL & VERTICAL TRIMMER POT KITS

Horizontal Kit

Contains 10 of each:

321-2000 series
6mm-1K, 5K, 10K, 50K, 100K, 500K (.05W)
32RH series
8mm-1K, 5K, 10K, 50K, 100K, 500K (.1W)
32RW series
10mm-1K, 5K, 10K, 50K, 100K, 500K, (.1W)

MOUSER STOCK NO.	Price Each
370-TPH-1	69.95



Features:

- 180 pieces
- 6 different values
- 3 sizes - 6mm, 8mm, 10mm
- Fully assembled and keyed for easy use
- Hi-reliability
- .05 - .1 watts
- ±30%
- Linear taper

Vertical Kit:

Contains 10 of each:

321-2100 series
6mm-1K, 5K, 10K, 50K, 100K, 500K (.05W)
32RM series
8mm-1K, 5K, 10K, 50K, 100K, 500K (.1W)
32RV series
10mm-1K, 5K, 10K, 100K, 500K, (.1W)

MOUSER STOCK NO.	Price Each
370-TPV-1	69.95

Potentiometers

PIHER 6mm CARBON TRIMMER

Specifications:
- Power rating: 0.1W
- Linear taper
- Temperature range: -25°C to +70°C
- Mechanical rotation: 235°±10°
- Electrical rotation: 200°±20°
- Tolerance: ±20%

Features:
- Enclosed for protection against contaminants
- Self-extinguishing material to meet UL94V-0

Value(Ω):
500, 1K, 2K, 2.5K, 5K, 10K, 20K, 25K, 47K, 50K, 100K, 500K, 1M

Also available in vertical mount, horizontal adjust

MOUSER STOCK NO.	Fig.	Mount	Adjust	Price Each				
				1	100	1000	5000	10000
531-PT6KV-Value	A	Horizontal	Vertical	.27	.22	.21	.19	Call

PIHER . 10mm CERMET TRIMMER

Specifications:
- Power rating: 0.33W
- Temperature range: -40°C to +90°C
- Mechanical rotation: 235°±5°
- Electrical rotation: 220°±20°
- Linear taper
- Tolerance ±20%

Value(Ω):
500, 1K, 2K, 2.5K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 250K, 500K

MOUSER STOCK NO.	Fig.	Mount	Adjust	1	100	1000	5000	10000
531-PTC10V-Value	B	Horizontal	Vertical	.45	.43	.41	.37	Call
531-PTC10H-Value	C	Vertical	Horizontal	.45	.43	.41	.37	

PIHER 10mm CARBON TRIMMER

- Enclosed for protection against contaminants

Specifications:
- Power rating: 0.15W
- Linear taper
- Temperature range: -25°C to +70°C
- Mechanical rotation: 235°±10°
- Electrical rotation: 220°±20°
- Tolerance ±20%

Value(Ω):
100, 200, 250, 500,1K, 2K, 2.5K,4.7K, 5K, 10K, 20K, 22K, 25K, 47K, 50K, 100K, 200K, 220K, 250K, 470K, 500K, 1M, 2M, 2.5M, 5M

MOUSER STOCK NO.	Fig.	Mount	Adjust	1	100	1000	5000	10000
531-PT10V-Value	D	Horizontal	Vertical	.36	.34	.30	.28	Call
531-PT10H-Value	E	Vertical	Horizontal	.36	.34	.30	.28	

PIHER 15mm CARBON TRIMMER

Specifications:
- Power rating: 0.25W
- Temperature range: -25°C to +70°C
- Mechanical rotation: 265° to ±5°
- Electrical rotation: 250°±20°
- Linear taper
- Tolerance ±20%

Value(Ω):
100, 200, 250, 500,1K, 2K, 2.5K ,5K, 10K, 20K,25K, 50K, 100K, 200K, 250K, 500K, 1M, 2M, 2.5M, 5M

MOUSER STOCK NO.	Fig.	Mount	Adjust	1	100	1000	5000	10000
531-PT15D-Value	F	Horizontal	Vertical	.39	.35	.32	.28	Call
531-PT15B-Value	G	Vertical	Horizontal	.39	.35	.32	.28	

PIHER POTENTIOMETERS

PC16 Series

A completely insulated potentiometer. Made of autoextinguishable plastic UL94V-0. The models below are available from stock. This modular design, which allows up to four potentiometers and a switch on a common shaft, is available in custom configurations by special order. Call any Mouser service representative for details.

Specifications:
- Tolerance: ±20%
- Nominal power (40°C): 0.25W
- Nominal voltage: 500V
- Temperature range: -25°C to +70°C
- Linear taper
- Mechanical angle of rotation: 300°±5°
- Electrical angle of rotation: 280°±20°
- Switch contact rating: 1A @ 250V
- Solder lug terminals

MOUSER STOCK NO.	Fig.	Value(Ω)	Price Each				
			1	25	50	100	200
531-PC16SC-Value	H	1K, 10K, 100K, 500K	2.35	1.95	1.77	1.59	Call
531-PC16SC1A-Value	I	1K, 10K, 100K, 500K	2.99	2.49	2.27	2.06	For
531-PC16DC-Value	J	1K, 10K, 100K, 500K	2.86	2.38	2.17	1.97	Quote

PC MOUNT POTENTIOMETERS

Electrical Specifications:
- Taper: linear
- Rated wattage: 0.05W
- Insulation resistance: >100MΩ @ 250VDC
- Breakdown voltage: 300VAC/1min.

Mechanical Specifications:
- Rotation angle: 300°±5°
- Rotation torque: 20 to 250g/cm
- Tolerance: ±20%
- Shaft dia.: 6mm

MOUSER STOCK NO.	Fig.	Value(Ω)	Price Each				
			1	10	100	500	1000
311-1901-Value	K	1K, 5K, 10K, 50K, 100K	2.80	2.10	1.93	1.75	Call

PC MOUNT POTENTIOMETERS

Specifications:
- Rated voltage: 50VAC
- Rated wattage: 0.05W
- Tolerance: ±20%
- Rotation angle: 280°±5°
- Rotational life: 10,000 cycles

Miniature Snap-In Linear Taper Shaft Length: .5"

MOUSER STOCK NO.	Fig.	Value(Ω)	Price Each				
			1	10	100	500	1000
317-2090-Value	L	1K, 2K, 5K, 10K, 50K, 100K, 500K, 1M	.90	.68	.62	.57	Call

Specifications:
- Rated voltage: 200V
- Rated wattage: 0.2W
- Insulation resistance: >100MΩ
- Breakdown voltage: 1000VAC, 1 min.
- Switch contact resistance: >100mΩ
- Switch rating: 250VAC, 10A
- Tolerance: ±20%
- Rotational life: 100,000 cycles
- Rotation angle: 270°±5°
- Switch life: 10,000 operations
- Switch circuit: SPST
- "D" shaft (nylon)

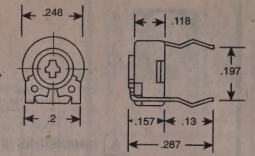
NEW!

16mm PC Mount Linear Taper with Switch Shaft Length: .315"

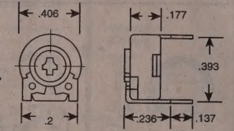
MOUSER STOCK NO.	Fig.	Value(Ω)	Price Each				
			1	10	100	500	1000
310-1600-Value	M	5K, 10K, 50K, 500K	2.17	1.63	1.49	1.36	Call

DIMENSIONS (IN)

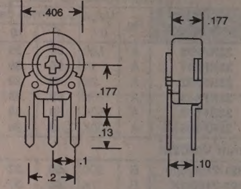
A



B



C



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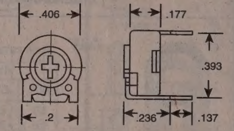

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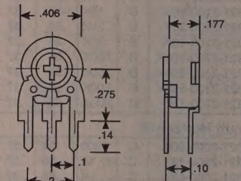

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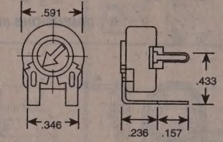

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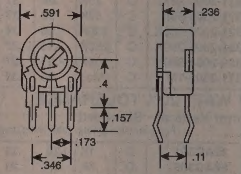
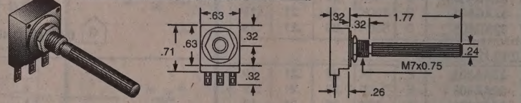


See page 271 for additional hardware

DIMENSIONS (IN)

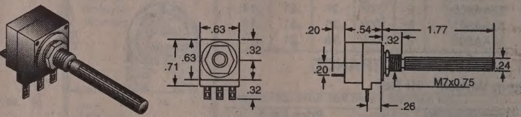
H

Single Gang



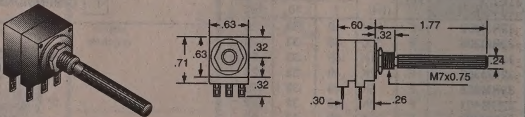
I

Single Gang with SPST Switch



J

Dual-ganged without Switch



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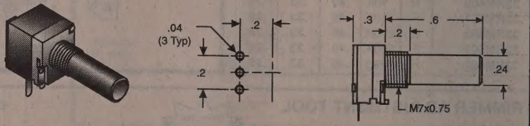

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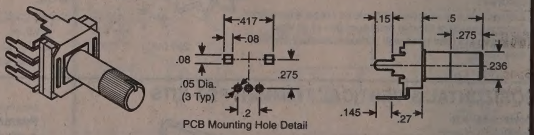

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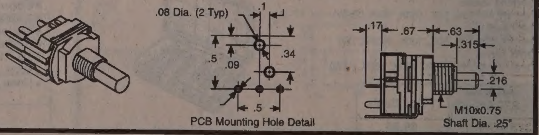
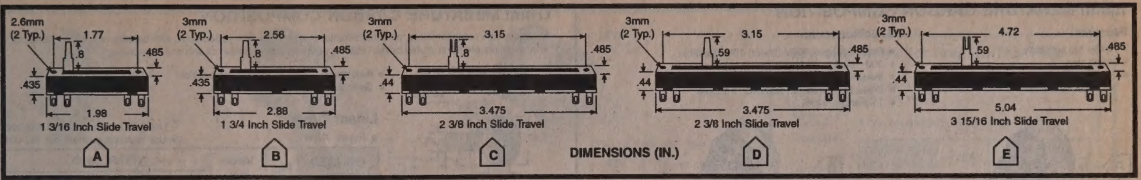


Slide and Thumbwheel Potentiometers


2.6mm (2 Typ.)
1.77
.8
.485
.435
1.98
1 3/16 Inch Slide Travel
A
3mm (2 Typ.)
2.56
.8
.485
.435
2.88
1 3/4 Inch Slide Travel
B
3mm (2 Typ.)
3.15
.8
.485
.44
3.475
2 3/8 Inch Slide Travel
C
DIMENSIONS (IN.)
3mm (2 Typ.)
3.15
.59
.485
.44
3.475
2 3/8 Inch Slide Travel
D
3mm (2 Typ.)
4.72
.59
.485
.44
5.04
3 15/16 Inch Slide Travel
E

SLIDE POTENTIOMETERS

Specifications:

- Tolerance: ±20%

Series	Wattage	Insulation Resistance	Withstanding Voltage For 1 Minute
312-9000	0.1	50MΩ @ 500VDC	300VAC
312-9100	0.2	50MΩ @ 500VDC	300VAC
312-9201	0.25	100MΩ @ 500VDC	500VAC
312-9302	0.5	100MΩ @ 500VDC	500VAC
312-9301	0.5	100MΩ @ 500VDC	500VAC
312-9401	0.5	100MΩ @ 500VDC	500VAC

All Mouser slide potentiometers contain quality carbon composition elements for long life and noise-free operation.

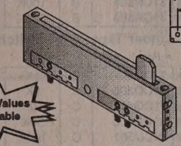
MOUSER STOCK NO.	Fig.	Stock Values (Ω) Other Values Available on Request	Price Each			
			1	100	500	1000
Audio Taper						
312-9000-Value	A	1K, 5K, 10K, 50K, & 100K	1.11	.89	.79	
312-9402-Value	E	10K, 50K, 100K	5.04	3.78	3.47	
Linear Taper						Call
312-9100-Value	A	500, 1K, 5K, 10K, 25K, 50K, & 100K	1.11	.89	.79	For
312-9201-Value	B	1K, 5K, 10K, 20K, 50K, 100K, 500K, 1M	1.35	1.13	1.02	Quote
312-9302-Value	C	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, & 1M	1.66	1.39	1.27	
312-9301-Value	D	1K, 2K, 5K, 10K, 50K, 100K	1.83	1.53	1.40	
312-9401-Value	E	1K, 100K	5.04	3.78	3.15	

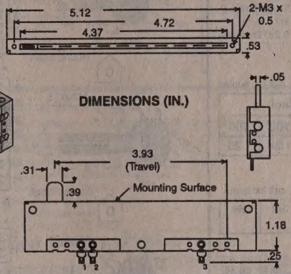
HIGH-GRADE SLIDE POTENTIOMETERS

Specifications:

- Tolerance: ±20%
- Rated wattage: .25
- Max working voltage: 350V
- Slide noise: less than 47mV
- Insulation resistance: more than 100MΩ
- Withstanding voltage: 500VAC for 1 min.

Other Values Available




5.12
4.72
4.37
2-M3 x 0.5
.53
.05
DIMENSIONS (IN.)
3.93 (Travel)
.31
.39
Mounting Surface
1.18
.25
1
2
3

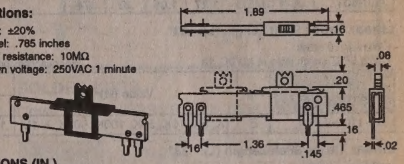
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Value (Ω)	Price Each		
			1	10	100
312-9700-10K	Audio taper	10K	9.58	7.99	7.26
312-9600-100K	Linear taper	100K	9.58	7.99	7.26

PC MOUNT MINI-SLIDE POTENTIOMETERS (Linear Taper)

Specifications:

- Tolerance: ±20%
- Slide travel: .785 inches
- Insulation resistance: 10MΩ
- Breakdown voltage: 250VAC 1 minute


1.89
.16
.08
.20
.465
.16
.16
1.36
.145
.02

DIMENSIONS (IN.)

MOUSER STOCK NO.	Value (Ω)	Price Each		
		1	10	100
312-9500-Value	1K, 5K, 10K, 50K, & 100K	.97	.75	.68

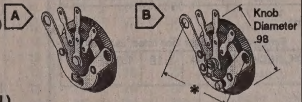
16MM MINIATURE THUMBWHEEL

Specifications:

- Rotation angle: 260° ± 10°
- Rotation torque: 20-150 g-cm
- Stop strength: 2kg-cm
- Resistance tolerance: ±20%
- Insulation resistance: 50MΩ @ 500VDC
- Breakdown voltage: 500V for 60 seconds
- Switch contact rating: 1 amp @ 12VDC
- Wattage: 0.1 watt-linear taper, 0.05 watt-audio taper

Complete With Knob

✱ .87 (31XT & 31TV Series)
.83 (31TS Series)


A
B
Knob Diameter
.98
*

For quantities greater than listed, call for quote.

DIMENSIONS (IN.)

Linear Taper with Switch

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each		
			1	10	100
31XT205	B	500	.86	.68	.64
31XT301	B	1K	.86	.68	.64
31XT305	B	5K	.86	.68	.64
31XT401	B	10K	.86	.68	.64
31XT405	B	50K	.86	.68	.64
31XT501	B	100K	.86	.68	.64
31XT505	B	500K	.86	.68	.64
31XT601	B	1 Meg	.86	.68	.64

Linear Taper

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each		
			1	10	100
31TS205	A	500	.78	.66	.59
31TS301	A	1K	.78	.66	.59
31TS302	A	2K	.78	.66	.59
31TS305	A	5K	.78	.66	.59
31TS401	A	10K	.78	.66	.59
31TS405	A	50K	.78	.66	.59
31TS501	A	100K	.78	.66	.59
31TS505	A	500K	.78	.66	.59
31TS601	A	1 Meg	.78	.66	.59

Audio Taper with Switch

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each		
			1	10	100
31TV301	B	1K	.86	.68	.64
31TV302	B	2K	.86	.68	.64
31TV305	B	5K	.86	.68	.64
31TV401	B	10K	.86	.68	.64
31TV405	B	50K	.86	.68	.64
31TV501	B	100K	.86	.68	.64
31TV505	B	500K	.86	.68	.64
31TV601	B	1 Meg	.86	.68	.64

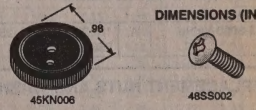
REPLACEMENT KNOB AND SCREW

For miniature thumbwheel potentiometers.

Specifications:

- Molded plastic black knob
- Fits our 31TV, 31TS, 31XT, 311-1201, 311-1202, 311-1204, 311-1205, 311-1206

DIMENSIONS (IN.)


.98
45KN006
48SS002

MOUSER STOCK NO.	Description	Price Each		
		1	100	1000
45KN006	Knob	.15	.10	.094
48SS002	Screw	.03	.010	.009

SLIDEPOT SCREW

Used for mounting Mouser slide potentiometers

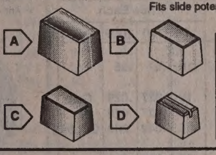
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Dia. (mm)	Pitch	Length	Use With Series	Price Each		
					2	100	1000
48SM026	2.6	.45	6mm	9000, 9100	.04	.012	.011
48SM003	3	.5	6mm	9200, 9201, 9300, 9301, 9302, 9400	.04	.012	.011

KNOBS

Fits slide potentiometers 321-9000, 9100, 9200, 9201, 9300, 9400, and 312-9301 & 9302 series

For quantities greater than listed, call for quote.

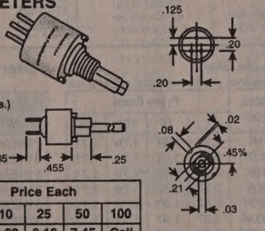


MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each		
		H	W	L	1	10	100
45KN151	A	.45	.36	.60	.87	.69	.62
45KN152	B	.45	.36	.60	1.40	1.16	1.06
45KN153	C	.54	.50	.75	1.52	1.26	1.15
450-0154	D	.36	.24	.47	.39	.24	.22

MEC CERMET POTENTIOMETERS

Specifications:

- Power rating: .5W @ 70°C
- Isolation voltage: 450VDC
- Tolerance: ±20%
- Operating temperature: -55°C to +125°C
- Load like: 3% change of total resistance (1000 hrs.)
- Linear taper
- Shaft length: .875"
- Body diameter: .5"
- Slotted shaft
- Locknut included


.125
.20
.20
.185
.455
.25
.08
.02
.45%
.21
.03

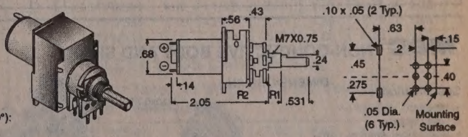
MOUSER STOCK NO.	Value (Ω)	Price Each				
		1	10	25	50	100
323-6000-Value	1K, 10K, 100K	10.85	8.99	8.19	7.45	Call

DIMENSIONS (IN.)

MOTOR DRIVEN ROTARY POTENTIOMETER

Specifications:

- Single shaft-dual unit
- Rotational torque: 100~450gf/cm
- Motor voltage (VDC): 3~6 (4.5 standard)
- Tolerance: ±20%
- Linear taper
- Rotational speed (sec/300°): 11±3 (@ 4.5VDC)
- Maximum operating current (mA): 100 @ rotation, 150 @ end slip


.56
.43
M7X0.75
.68
.24
.14
2.05
R2
R1
.531
.10 x .05 (2 Typ.)
.63
.2
.15
.45
.40
.275
.05 Dia. (6 Typ.)
Mounting Surface

DIMENSIONS (IN.)

MOUSER STOCK NO.	Value (Ω)	Price Each				
		1	10	100	500	1000
316-1020-Value	10K, 50K, 100K	9.98	8.98	8.25	7.45	Call

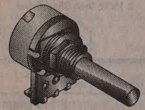
Miniature Potentiometers

16mm MINIATURE CARBON COMPOSITION

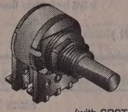
Features:
- Solder lug terminals
- Small size
- Each supplied with one hex nut and one flat washer

Specifications:
- Rated voltage: 200V (linear) 150V (audio)
- 300° rotation angle ±5°
- Insulation resistance: >100MΩ
- Breakdown voltage: 500VAC, 1 minute
- Tolerance: ±20%

A


(non-switched)

B

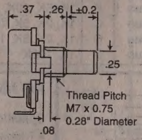

(with SPST switch)

Linear Taper Shaft Length (L): .53"

- Wattage: 0.2W

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each				
			1	10	100	500	1000
31JN301	A	1K	1.27	1.05	.87	.74	Call For Quote
31JN302	A	2K	1.27	1.05	.87	.74	
31JN305	A	5K	1.27	1.05	.87	.74	
31JN401	A	10K	1.27	1.05	.87	.74	
31JN405	A	50K	1.27	1.05	.87	.74	
31JN505	A	500K	1.27	1.05	.87	.74	
31JN601	A	1MEG	1.27	1.05	.87	.74	

DIMENSIONS (IN.)



Linear Taper Shaft Length (L): .33"

- Wattage: 0.125W
- With SPST switch rated at 12VDC, 1A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
313-1100-Value	B	1K, 5K, 10K, 50K, 100K, 500K, & 1M	1.99	1.50	1.38	1.25

Linear Taper Shaft Length (L): .33"

- Wattage: 0.2W

For quantities greater than listed, call for quote.

313-1000-Value	A	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, & 1M	1.21	1.05	.92	.84

11 Detent Positions Audio Taper Shaft Length (L): .33"

- Wattage: 0.1W

For quantities greater than listed, call for quote.

313-4000-Value	A	10K, 50K, 100K, & 1M	1.74	1.45	1.32	1.19

Linear Taper Shaft Length (L): .33" Center Detent

- Wattage: 0.2W

For quantities greater than listed, call for quote.

313-2000-Value	A	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, & 1M	1.44	1.19	1.09	.99

Linear Taper 11 Detent Positions

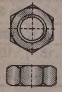
- Wattage: 0.2W

For quantities greater than listed, call for quote.

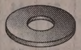
313-3000-Value	A	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, & 1M	1.74	1.45	1.32	1.19

REPLACEMENT NUTS AND WASHERS

A


Hex Nut

B


Flat Washer

DIMENSIONS (IN.)

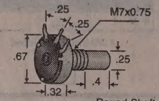
MOUSER STOCK NO.	Fig.	Fits	Price Each			
			1	100	1000	10,000
Nuts						
481-0017	A	31JN, 313-1100, 313-1000, 313-4000, 313-2000, 313-3000,31CN, 31CQ, 31CW	.15	.07	.06	Call For Quote
48AN007	A	31CR, 31CB, 31CT, 31CA	.10	.027	.025	
48AN006	A	31CX	.10	.027	.025	
481-0010	A	31NE, 31NN, 310-1600	.16	.042	.039	
Washer						
48CW007	B	31JN, 313-1100, 313-1000, 313-4000, 313-2000, 313-3000,31CN, 31CQ, 31CW, 31CR, 31CB, 31CT	.05	.013	.011	

17mm MINIATURE CARBON COMPOSITION

Miniature size potentiometers, aluminum shafts, bushings, body is plated steel, with bakelite rear plate. Contacts and terminals are silver plated brass. Each is supplied with one hex nut and one flat washer.

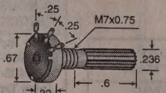
DIMENSIONS (IN.)

- Resistance element: carbon composition
- Switches rated at 1 amp @ 12VDC
- Tolerance: ±20%



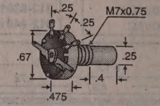
Round Shaft

A



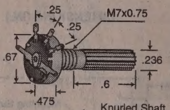
Knurled Shaft

B



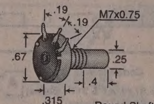
Round Shaft

C



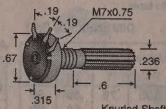
Knurled Shaft

D



Round Shaft

E



Knurled Shaft

F

Linear Taper

- Rated: 0.1W

† Use with replacement nut 48AN007
∗ Use with replacement nut 481-0017

	MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each				
				1	10	100	500	1000
∗	31CN205	A	500	1.02	.79	.62	.56	Call For Quote
∗	31CN301	A	1K	1.02	.79	.62	.56	
∗	31CN302	A	2K	1.02	.79	.62	.56	
∗	31CN305	A	5K	1.02	.79	.62	.56	
∗	31CN401	A	10K	1.02	.79	.62	.56	
∗	31CN405	A	50K	1.02	.79	.62	.56	
∗	31CN501	A	100K	1.02	.79	.62	.56	
∗	31CN505	A	500K	1.02	.79	.62	.56	
∗	31CN601	A	1 MEG	1.02	.79	.62	.56	
∗	31CN602	A	2 MEG	1.02	.79	.62	.56	
†	31CR205	B	500	1.12	.87	.68	.62	Call For Quote
†	31CR301	B	1K	1.12	.87	.68	.62	
†	31CR305	B	5K	1.12	.87	.68	.62	
†	31CR401	B	10K	1.12	.87	.68	.62	
†	31CR405	B	50K	1.12	.87	.68	.62	
†	31CR501	B	100K	1.12	.87	.68	.62	
†	31CR505	B	500K	1.12	.87	.68	.62	

Linear Taper with Switch

- Rated: 0.1W

∗ Use with replacement nut 481-0017

∗	31CQ301	C	1K	1.13	.91	.71	.64	Call For Quote
∗	31CQ305	C	5K	1.13	.91	.71	.64	
∗	31CQ401	C	10K	1.13	.91	.71	.64	
∗	31CQ405	C	50K	1.13	.91	.71	.64	
∗	31CQ501	C	100K	1.13	.91	.71	.64	
∗	31CQ505	C	500K	1.13	.91	.71	.64	
∗	31CQ601	C	1 MEG	1.13	.91	.71	.64	

Audio Taper with Switch

- Rated: .05W

† Use with replacement nut 48AN007

†	31CB301	D	1K	1.24	1.00	.78	.70	Call
†	31CB501	D	100K	1.24	1.00	.78	.70	

Linear Taper PC Mount

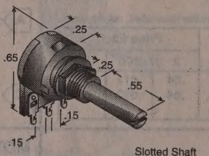
- Rated: 0.1W

† Use with replacement nut 48AN007
∗ Use with replacement nut 481-0017

∗	31CW205	E	500	1.02	.79	.62	.56	Call For Quote
∗	31CW301	E	1K	1.02	.79	.62	.56	
∗	31CW305	E	5K	1.02	.79	.62	.56	
∗	31CW401	E	10K	1.02	.79	.62	.56	
∗	31CW405	E	50K	1.02	.79	.62	.56	
∗	31CW501	E	100K	1.02	.79	.62	.56	
∗	31CW505	E	500K	1.02	.79	.62	.56	
∗	31CW601	E	1 MEG	1.02	.79	.62	.56	
†	31CA205	F	500	1.12	.87	.68	.62	Call For Quote
†	31CA301	F	1K	1.12	.87	.68	.62	
†	31CA401	F	10K	1.12	.87	.68	.62	
†	31CA405	F	50K	1.12	.87	.68	.62	
†	31CA501	F	100K	1.12	.87	.68	.62	

13mm MICRO-MINIATURE CARBON COMPOSITION

Specifications:
- Resistance element: carbon composition
- Resistance tolerance: ±20%
- Wattage rating: 0.1 watt
- Rotation angle: 260° ±5°
- Rotational torque: 20 to 200 g-cm
- Anti-rotational torque: 3 Kg-cm
- Operational temperature: -10°C to +70°C
- Insulation resistance: 50 MΩ min.
- Breakdown voltage: 500V @ 60 seconds
- Rotational noise: 57mV
- Rotational life: 5,000 cycles
- Linear taper



4mm Dia. Shaft

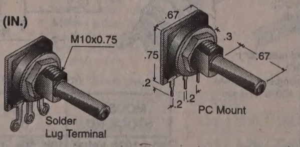
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each			
		1	10	100	500
31CX301	1K	2.08	1.73	1.58	1.43
31CX305	5K	2.08	1.73	1.58	1.43
31CX401	10K	2.08	1.73	1.58	1.43
31CX405	50K	2.08	1.73	1.58	1.43
31CX501	100K	2.08	1.73	1.58	1.43
31CX505	500K	2.08	1.73	1.58	1.43
31CX601	1 MEG	2.08	1.73	1.58	1.43

MEC NON-CONDUCTIVE BODY AND SHAFT

Specifications:
- 1/4 watt
- Linear taper
- Resistance tolerance: ±20%
- Breakdown voltage: 450VDC
- Insulation resistance: 1GΩ, min.
- Mechanical rotation: 270°
- Max. working voltage: 630VDC

DIMENSIONS (IN.)



PC Mount 6mm Dia. Shaft

For quantities greater than listed, call for quote.

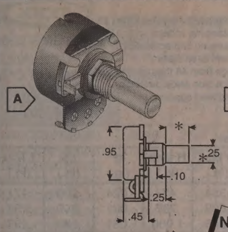
MOUSER STOCK NO.	Value (Ω)	Price Each			
		1	10	100	500
31NN301	1K	2.37	1.97	1.79	1.71
31NN304	4.7K	2.37	1.97	1.79	1.71
31NN401	10K	2.37	1.97	1.79	1.71
31NN405	50K	2.37	1.97	1.79	1.71
31NN501	100K	2.37	1.97	1.79	1.71
31NN505	500K	2.37	1.97	1.79	1.71
31NN601	1 MEG	2.37	1.97	1.79	1.71

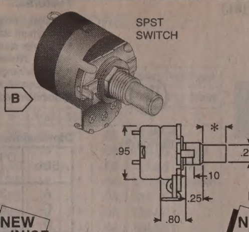
Solder Lugs 6mm Dia. Shaft

For quantities greater than listed, call for quote.

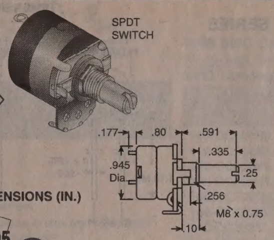
MOUSER STOCK NO.	Value (Ω)	Price Each			
		1	10	100	500
31NE301	1K	2.37	1.97	1.79	1.71
31NE304	4.7K	2.37	1.97	1.79	1.71
31NE401	10K	2.37	1.97	1.79	1.71
31NE405	50K	2.37	1.97	1.79	1.71
31NE501	100K	2.37	1.97	1.79	1.71
31NE505	500K	2.37	1.97	1.79	1.71
31NE601	1 MEG	2.37	1.97	1.79	1.71

Potentiometers



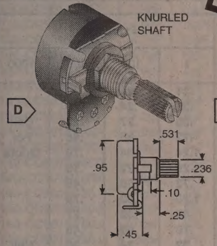


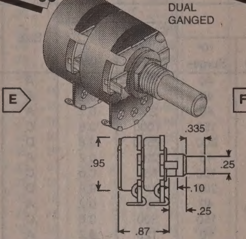
DIMENSIONS (IN.)

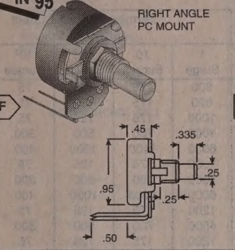


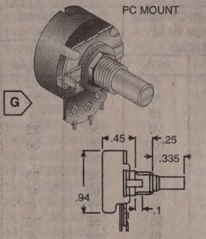
NEW IN'95

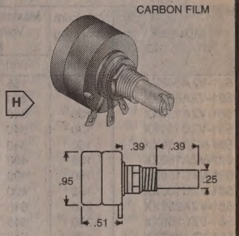
NEW IN'95





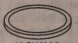






Extra Hardware For Pots On This Page

48AN008


48CW008

One hex nut and one washer are included with each pot.

If you need additional hardware, order below.

MOUSER STOCK NO.	Type	Price Each		
		1	100	1000
48AN008	Nut	.10	.027	.025
48CW008	Washer	.05	.013	.011

Mechanical Specifications:

- Total rotation angle 300°±5°
- Rotational torque: 20~200 g-cm
- Switch working angle: 50°±10°
- Switch working torque: 150~450 g-cm
- Carbon composition

SOLDER LUGS

Audio Taper, (.335") Shaft Length *

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
31VJ301	A	1K	1.13	.85	.76	.72
31VJ305	A	5K	1.13	.85	.76	.72
31VJ401	A	10K	1.13	.85	.76	.72
31VJ405	A	50K	1.13	.85	.76	.72
31VJ501	A	100K	1.13	.85	.76	.72
31VJ505	A	500K	1.13	.85	.76	.72
31VJ601	A	1Meg	1.13	.85	.76	.72

Audio Taper W/SPST Switch, (.335") Shaft Length*

For quantities greater than listed, call for quote.

31XP301	B	1K	1.37	1.25	1.13	1.10
31XP305	B	5K	1.37	1.25	1.13	1.10
31XP401	B	10K	1.37	1.25	1.13	1.10
31XP405	B	50K	1.37	1.25	1.13	1.10
31XP501	B	100K	1.37	1.25	1.13	1.10
31XP505	B	500K	1.37	1.25	1.13	1.10
31XP601	B	1Meg	1.37	1.25	1.13	1.10

Dual Ganged Audio Taper, (.335") Shaft Length

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
313-2420-1K	E	1K	2.23	1.86	1.70	1.56
313-2420-5K	E	5K	2.23	1.86	1.70	1.56
313-2420-10K	E	10K	2.23	1.86	1.70	1.56
313-2420-50K	E	50K	2.23	1.86	1.70	1.56
313-2420-100K	E	100K	2.23	1.86	1.70	1.56
313-2420-500K	E	500K	2.23	1.86	1.70	1.56
313-2420-1M	E	1Meg	2.23	1.86	1.70	1.56

Linear Taper, (.335") Shaft Length*

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
31VA205	A	500	1.13	.85	.76	.72
31VA301	A	1K	1.13	.85	.76	.72
31VA302	A	2K	1.13	.85	.76	.72
31VA303	A	2.5K	1.13	.85	.76	.72
31VA305	A	5K	1.13	.85	.76	.72
31VA401	A	10K	1.13	.85	.76	.72
31VA403	A	25K	1.13	.85	.76	.72
31VA405	A	50K	1.13	.85	.76	.72
31VA501	A	100K	1.13	.85	.76	.72
31VA503	A	250K	1.13	.85	.76	.72
31VA505	A	500K	1.13	.85	.76	.72
31VA601	A	1 Meg	1.13	.85	.76	.72
31VA602	A	2 Meg	1.13	.85	.76	.72
31VA605	A	5 Meg	1.13	.85	.76	.72

Electrical Specifications:

- Rated wattage: Linear taper-1/2 watt, Audio taper-1/4 watt
- Rated voltage: Linear taper-500VDC, Audio taper-250VDC
- Insulation resistance: >100MΩ (500VDC)
- Withstanding voltage: 500VAC for 1 minute,
- Switch contact resistance: <30mΩ
- Switch rating: 125VAC, 1A
- Resistance tolerance: ±20%
- 1/4" shaft diameter
- Solder lugs or P/C mount

Linear Taper, (1.32") Shaft Length*

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
31VC205	A	500	1.13	.85	.76	.72
31VC301	A	1K	1.13	.85	.76	.72
31VC302	A	2K	1.13	.85	.76	.72
31VC303	A	2.5K	1.13	.85	.76	.72
31VC305	A	5K	1.13	.85	.76	.72
31VC401	A	10K	1.13	.85	.76	.72
31VC403	A	25K	1.13	.85	.76	.72
31VC405	A	50K	1.13	.85	.76	.72
31VC501	A	100K	1.13	.85	.76	.72
31VC503	A	250K	1.13	.85	.76	.72
31VC505	A	500K	1.13	.85	.76	.72
31VC601	A	1 Meg	1.13	.85	.76	.72
31VC605	A	5 Meg	1.13	.85	.76	.72

Linear Taper W/Knurled Shaft, (.531") Shaft Length

For quantities greater than listed, call for quote.

31VF205	D	500	1.24	.94	.84	.79
31VF301	D	1K	1.24	.94	.84	.79
31VF302	D	2K	1.24	.94	.84	.79
31VF305	D	5K	1.24	.94	.84	.79
31VF401	D	10K	1.24	.94	.84	.79
31VF405	D	50K	1.24	.94	.84	.79
31VF501	D	100K	1.24	.94	.84	.79
31VF503	D	250K	1.24	.94	.84	.79
31VF505	D	500K	1.24	.94	.84	.79
31VF601	D	1 Meg	1.24	.94	.84	.79
31VF602	D	2 Meg	1.24	.94	.84	.79

PCB TERMINALS

Linear Taper, (.335") Shaft Length

For quantities greater than listed, call for quote.

31VQ205	F	500	1.13	.85	.76	.72
31VQ301	F	1K	1.13	.85	.76	.72
31VQ305	F	5K	1.13	.85	.76	.72
31VQ401	F	10K	1.13	.85	.76	.72
31VQ403	F	25K	1.13	.85	.76	.72
31VQ405	F	50K	1.13	.85	.76	.72
31VQ501	F	100K	1.13	.85	.76	.72
31VQ503	F	250K	1.13	.85	.76	.72
31VQ505	F	500K	1.13	.85	.76	.72
31VQ601	F	1 Meg	1.13	.85	.76	.72

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each		
			1	10	100
314-1410-Value	G	1K, 5K, 10K, 50K, 100K, 200K, 500K,1M	1.18	.91	.81

SOLDER LUGS

Linear Taper W/SPST Switch, (.335") Shaft Length*

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
31VM205	B	500	1.55	1.36	1.22	1.03
31VM301	B	1K	1.55	1.36	1.22	1.03
31VM303	B	2.5K	1.55	1.36	1.22	1.03
31VM305	B	5K	1.55	1.36	1.22	1.03
31VM401	B	10K	1.55	1.36	1.22	1.03
31VM403	B	25K	1.55	1.36	1.22	1.03
31VM405	B	50K	1.55	1.36	1.22	1.03
31VM501	B	100K	1.55	1.36	1.22	1.03
31VM503	B	250K	1.55	1.36	1.22	1.03
31VM505	B	500K	1.55	1.36	1.22	1.03
31VM601	B	1 Meg	1.55	1.36	1.22	1.03

Linear Taper W/SPST Switch, (1.32") Shaft Length*

31VL205	B	500	1.55	1.36	1.22	1.03
31VL301	B	1K	1.55	1.36	1.22	1.03
31VL305	B	5K	1.55	1.36	1.22	1.03
31VL401	B	10K	1.55	1.36	1.22	1.03
31VL403	B	25K	1.55	1.36	1.22	1.03
31VL405	B	50K	1.55	1.36	1.22	1.03
31VL501	B	100K	1.55	1.36	1.22	1.03
31VL503	B	250K	1.55	1.36	1.22	1.03
31VL505	B	500K	1.55	1.36	1.22	1.03

Linear Taper W/SPDT Switch, (.335") Shaft Length

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each		
			1	10	100
315-2415-Value	C	1K, 5K, 10K, 25K, 50K, 100K, 250K, 500K,1M	2.49	1.88	1.72

Dual Ganged Linear Taper, (.335") Shaft Length

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	10	100	500
31VW301	E	1K	2.23	1.86	1.70	1.56
31VW305	E	5K	2.23	1.86	1.70	1.56
31VW401	E	10K	2.23	1.86	1.70	1.56
31VW405	E	50K	2.23	1.86	1.70	1.56
31VW501	E	100K	2.23	1.86	1.70	1.56
31VW505	E	500K	2.23	1.86	1.70	1.56
31VW601	E	1 Meg	2.23	1.86	1.70	1.56

SOLDER LUGS CARBON FILM

Linear Taper .25 Watt. +15 / -10% Tolerance (.393") Shaft Length

- Sealed for Long Life

31YN205	H	500	7.40	6.68	6.06	5.64
31YN301	H	1K	7.40	6.68	6.06	5.64
31YN305	H	5K	7.40	6.68	6.06	5.64
31YN401	H	10K	7.40	6.68	6.06	5.64
31YN405	H	50K	7.40	6.68	6.06	5.64
31YN501	H	100K	7.40	6.68	6.06	5.64

Varistors

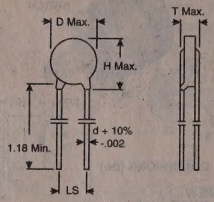
THOMSON PASSIVE COMPONENTS

METAL OXIDE VARISTORS VE SERIES

Applications:

- Transient suppression in automotive environments (such as ignition pulses, alternator field, mutual harness coupling, inductive load switching fan, heater and booster starts)
- Consumer appliances connected to 110 or 220 VAC lines
- Protection of expensive semiconductor components
- Protection of industrial equipment and motors endangered by AC line transients (computers, traffic controls, ground fault interrupters, etc.)
- Protection of equipment connected to telephone or signal lines, such as railroad and communications equipment, security and fire alarm systems
- Voltage regulation and ARC suppression across relay contacts
- Additional uses are found in instrumentation to protect input terminals from encountering destructive high voltages

DIMENSIONS (IN.)



✻ File No. E84108 (S)

Features:

- Superior response time of less than 25 ns
- Maximum clamping voltage up to 1350 V
- Superior clamping characteristics
- Three different case sizes
- Voltage range from 48 through 510 VRMS
- Polycrystaline zinc oxide dielectric
- Standardized lead spacings

Dimensions

Size	D Max (In.)	H Max (In.)	d (In.)	LS (In.)	T Max (In.)
A	.354	.472	.024	.200	.177
C	.669	.787	.031	.300	.197
D	.945	1.060	.031	.300	.197

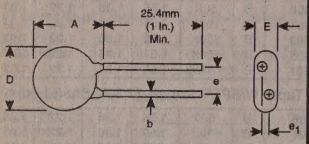
MOUSER STOCK NO.	Maximum Operating Voltage (Vrms)	Maximum Clamping Voltage for LP 8/20µs		Energy (Joules) 10/100µs		Permissible Peak Current (Amps) 8/20µs					Typical		Size	Price Each			
		(Vc)	Ip(A)	1 Surge	10 Surges	1 Surge	10 Surges	10^2 Surges	10^3 Surges	10^4 Surges	Capacitance (pF)	Power (W)		1	100	500	1000
581-VZA048XX	48	135	5	3	1.2	800	175	125	75	40	480	0.2	A	.31	.24	.20	
581-VZA075XX	75	200	10	5	1.5	800	175	125	75	40	400	0.2	A	.32	.24	.20	
✻ 581-VZA130XX	130	340	10	8	3	1000	175	125	75	40	250	0.2	A	.36	.27	.23	Call For Quote
581-VZC130XX	130	340	50	30	23	4000	700	500	300	150	1000	0.6	C	.72	.55	.46	
581-VZD130XX	130	340	100	50	38	6000	1400	1000	400	200	2500	0.8	D	1.24	.94	.79	
581-VZA150XX	150	400	10	10	3	1000	175	125	75	40	220	0.2	A	.29	.22	.19	
✻ 581-VZC150XX	150	400	50	35	23	4000	700	500	300	150	850	0.6	C	.72	.55	.46	
✻ 581-VZD150XX	150	400	100	60	42	6000	1400	1000	400	200	2000	0.8	D	1.20	.93	.78	
✻ 581-VZA250XX	250	645	10	17	6	1200	175	125	75	40	130	0.2	A	.42	.32	.27	
✻ 581-VZC250XX	250	645	50	55	30	4500	700	500	300	150	500	0.6	C	.70	.53	.45	
✻ 581-VZA275XX	275	710	10	18	6	1200	175	125	75	40	120	0.2	A	.32	.24	.20	Call For Quote
581-VZC275XX	275	710	50	57	30	4500	700	500	300	150	450	0.6	C	.71	.54	.45	
581-VZD275XX	275	710	100	100	75	6500	1400	1000	400	200	1200	0.8	D	1.49	1.13	.95	
581-VZD510XX	510	1350	100	190	140	6500	1400	1000	400	200	550	0.8	D	1.79	1.36	1.14	

HARRIS SEMICONDUCTOR
HARRIS · RCA · GE · INTERSIL

METAL OXIDE VARISTORS LA SERIES

GE-MOV® varistors are voltage dependent, symmetrical, metal-oxide semiconductor devices. Their characteristics enable them to protect against high transient voltage spikes (when properly selected) to meet anticipated loads. When the protected equipment or circuit encounters high voltage spikes, the varistor impedance changes from a very high standby value to a very low conducting value, thus clamping the transient voltage to a protective level. The excess energy of the incoming high voltage pulse is absorbed by the GE-MOV® varistor, protecting voltage sensitive components against damage.

DIMENSIONS: mm (IN.)



14, and 20mm Models .81±.05 (.032±.002)

7mm Models .635±.05 (.025±.002)

Features:

- Wide voltage / energy range
- Excellent clamp ratio
- Fast response time
- Low standby power
- No follow-on current
- Radial package
- Line voltage operation
- UL recognized

Outline Dimensions

Symbol	Varistor Model	
	V130LA V320LA	V480LA V575LA
★ e_1 ±1mm (.039)	★ 2.5 (.098)	±4.0 (.157)
+ ±1.5mm + (0.59)		
E(max)	5.6 (.220)	7.3 (.287)

Symbol	Dimensions: mm (In.) Varistor Model Size		
	7mm	14mm	20mm
A(max)+	11.7 (0.461)	18.9 (0.744)	25.5 (1.01)
D(max)	8.7 (0.343)	16.4 (0.646)	22.5 (0.886)
e± 1mm (.039)	5.0 (0.197)	7.5 (0.296)	7.5 (0.296)
Typ. Weight (g)	0.5	2	3

GE Number	MOUSER STOCK NO.	Size Disc Dia. (mm)	Device Marking	Maximum Ratings (25°C) Continuous		Transient		Characteristics VNOM Varistor Peak Voltage			Max. Clamping Voltage VC @ Test Current (8x20µs)		Typical Capacitance @ f=1MHz (pF)	Price Each			
				RMS Voltage	DC Voltage	Energy (10/1000µs)	Peak Cur (8/20µs)	Min.	Max @ IMA DC	Max @ IMA AC	Vc	Ip		1	100	500	1000
				Volts	Volts	Joules	Amps	Volts	Volts	Volts	Volts	Volts					
V130LA1	570-V130LA1	7	1301	130	175	7	800	184	255	273	390	10	180	.38	.35	.32	Call For Quote
V130LA2	570-V130LA2	7	1302	130	175	10	1200	184	232	254	340	10	180	.42	.39	.36	
V130LA10A	570-V130LA10A	14	130L10	130	175	35	4500	184	232	254	340	50	1000	.70	.64	.59	
V130LA20A	570-V130LA20A	20	130L20	130	175	70	6500	184	232	254	340	100	1900	.93	.86	.79	
V130LA20B	570-V130LA20B	20	130L20B	130	175	70	6500	184	220	238	325	100	1900	.96	.88	.81	
V150LA1	570-V150LA1	7	1501	150	200	8	800	212	284	301	430	10	150	.42	.39	.36	
V150LA2	570-V150LA2	7	1502	150	200	11	1200	212	268	282	395	10	150	.42	.39	.36	
V150LA10A	570-V150LA10A	14	150L10	150	200	40	4500	212	268	282	395	50	800	.70	.64	.59	
V150LA20A	570-V150LA20A	20	150L20	150	200	80	6500	212	268	282	395	100	1600	.93	.86	.79	
V150LA20B	570-V150LA20B	20	150L20B	150	200	80	6500	212	243	255	360	100	1600	.96	.88	.81	
V250LA2	570-V250LA2	7	2502	250	330	12	800	354	453	509	730	10	110	.46	.42	.39	
V250LA4	570-V250LA4	7	2504	250	330	17	1200	354	429	472	650	10	110	.46	.42	.39	Call For Quote
V250LA20A	570-V250LA20A	14	250L20	250	330	70	4500	354	429	472	650	50	500	.70	.64	.59	
V250LA40A	570-V250LA40A	20	250L40	250	330	130	6500	354	429	472	650	100	1000	.93	.86	.79	
V275LA2	570-V275LA2	7	2752	275	369	14	800	389	515	579	775	10	100	.46	.42	.39	
V275LA4	570-V275LA4	7	2754	275	369	20	1200	389	473	522	710	10	100	.46	.42	.39	
V275LA20A	570-V275LA20A	14	275L20	275	369	75	4500	389	473	522	710	50	450	.70	.64	.59	
V275LA40A	570-V275LA40A	20	275L40	275	369	140	6500	389	473	522	710	100	900	.93	.86	.79	
V275LA40B	570-V275LA40B	20	275L40B	275	369	140	6500	389	473	495	680	100	900	.96	.88	.81	
V300LA4	570-V300LA4	7	3004	300	405	22	1000	420	517	579	775	10	90	.51	.47	.43	
V320LA20A	570-V320LA20A	14	320L20	320	420	90	4500	462	565	635	850	50	380	.87	.80	.74	
V320LA40B	570-V320LA40B	20	320L40	320	420	160	6500	462	540	580	810	100	750	1.12	1.03	.95	
V480LA40A	570-V480LA40A	14	480L40	480	640	105	4500	670	825	914	1240	50	450	1.00	.92	.85	
V480LA80B	570-V480LA80B	20	480L80	480	640	180	6500	670	790	878	1160	100	900	1.36	1.25	1.15	Call For Quote
V575LA40A	570-V575LA40A	14	575L40	575	730	120	4500	805	1000	1060	1500	50	370	1.36	1.25	1.15	
V575LA80B	570-V575LA80B	20	575L80	575	730	220	6500	805	960	1010	1410	100	750	1.86	1.71	1.57	

Surface Mount Capacitors

CERAMIC CHIP CAPACITORS

0805 SMD Case 50 Volt

o order reels: add "/REEL" to Mouser Stock No.

NPO Temperature Stable

MOUSER STOCK NO.	Value	Tol±	Price Each				4000 Per Reel Price Per Reel	
			1	100	500	1000	1	5
140-CC501N0.5C	0.5pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N1.0C	1.0pF	.25pF	.35	.15	.11	.08	124.95	Call For Quote
140-CC501N1.5C	1.5pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N2.0C	2.0pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N2.2C	2.2pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N3.0C	3.0pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N3.3C	3.3pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N3.9C	3.9pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N4.0C	4.0pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N4.7C	4.7pF	.25pF	.35	.15	.11	.08	124.95	
140-CC501N4.7K	4.7pF	10%	.33	.14	.10	.07	112.45	
140-CC501N5.0D	5.0pF	.5pF	.35	.15	.11	.08	124.95	
140-CC501N6.0D	6.0pF	.5pF	.35	.15	.11	.08	124.95	
140-CC501N6.8D	6.8pF	.5pF	.35	.15	.11	.08	124.95	
140-CC501N7.0D	7.0pF	.5pF	.35	.15	.11	.08	124.95	
140-CC501N8.0D	8.0pF	.5pF	.35	.15	.11	.08	124.95	
140-CC501N9.0D	9.0pF	.5pF	.35	.15	.11	.08	124.95	
140-CC501N100D	10pF	.5pF	.35	.15	.11	.08	124.95	
140-CC501N100K	10pF	10%	.33	.14	.10	.07	112.45	
140-CC501N120J	12pF	5%	.35	.15	.11	.08	124.95	
140-CC501N150J	15pF	5%	.35	.15	.11	.08	124.95	
140-CC501N180J	18pF	5%	.35	.15	.11	.08	124.95	
140-CC501N220J	22pF	5%	.35	.15	.11	.08	124.95	Call For Quote
140-CC501N220K	22pF	10%	.33	.14	.10	.07	112.45	
140-CC501N270J	27pF	5%	.35	.15	.11	.08	124.95	
140-CC501N330J	33pF	5%	.35	.16	.12	.08	128.80	
140-CC501N390J	39pF	5%	.35	.16	.12	.08	128.80	
140-CC501N470J	47pF	5%	.35	.16	.12	.08	128.80	
140-CC501N470K	47pF	10%	.33	.15	.11	.07	112.45	
140-CC501N560J	56pF	5%	.35	.16	.12	.08	128.80	
140-CC501N680J	68pF	5%	.35	.16	.12	.08	128.80	
140-CC501N820J	82pF	5%	.35	.16	.12	.08	128.80	
140-CC501N101J	100pF	5%	.35	.17	.13	.09	128.80	
140-CC501N101K	100pF	10%	.33	.16	.12	.08	112.45	
140-CC501N121J	120pF	5%	.35	.17	.14	.09	128.80	
140-CC501N151J	150pF	5%	.35	.17	.14	.09	128.80	
140-CC501N181J	180pF	5%	.35	.17	.14	.09	128.80	
140-CC501N221J	220pF	5%	.35	.17	.14	.09	128.80	
140-CC501N221K	220pF	10%	.33	.16	.12	.08	112.45	
140-CC501N271J	270pF	5%	.35	.17	.14	.09	128.80	
140-CC501N331J	330pF	5%	.35	.18	.14	.09	149.75	
140-CC501N391J	390pF	5%	.35	.18	.16	.11	169.90	
140-CC501N471J	470pF	5%	.35	.19	.16	.11	169.90	
140-CC501N471K	470pF	10%	.33	.16	.13	.11	152.90	
140-CC501N561J	560pF	5%	.39	.22	.17	.11	139.25	Call For Quote
140-CC501N681J	680pF	5%	.43	.24	.18	.12	149.70	
140-CC501N821J	820pF	5%	.45	.25	.19	.13	160.14	
140-CC501N102J	1000pF	5%	.49	.27	.20	.14	170.58	

To order reels: add "/REEL" to Mouser Stock No.

X7R Temperature Stable

140-CC501B221K	220pF	10%	.27	.15	.12	.08	128.80	
140-CC501B271K	270pF	10%	.27	.15	.12	.08	128.80	Call For Quote
140-CC501B331K	330pF	10%	.27	.15	.12	.08	128.80	
140-CC501B391K	390pF	10%	.28	.15	.12	.08	128.80	
140-CC501B471K	470pF	10%	.31	.15	.12	.08	128.80	
140-CC501B561K	560pF	10%	.28	.15	.12	.08	128.80	
140-CC501B681K	680pF	10%	.35	.16	.12	.08	128.80	
140-CC501B821K	820pF	10%	.35	.16	.12	.08	128.80	
140-CC501B102K	1000pF	10%	.39	.16	.12	.08	128.80	
140-CC501B122K	1200pF	10%	.39	.16	.12	.08	128.80	
140-CC501B152K	1500pF	10%	.39	.17	.14	.09	137.95	
140-CC501B182K	1800pF	10%	.39	.17	.14	.09	128.80	
140-CC501B222K	2200pF	10%	.39	.17	.14	.09	137.95	
140-CC501B272K	2700pF	10%	.39	.17	.14	.09	128.80	
140-CC501B332K	3300pF	10%	.39	.17	.14	.09	137.95	
140-CC501B392K	3900pF	10%	.39	.17	.14	.09	137.95	
140-CC501B472K	4700pF	10%	.39	.17	.14	.09	137.95	
140-CC501B562K	5600pF	10%	.39	.17	.14	.09	128.80	
140-CC501B682K	6800pF	10%	.49	.17	.16	.09	137.95	
140-CC501B822K	8200pF	10%	.49	.17	.16	.09	137.95	
140-CC501B103K	.01µF	10%	.49	.19	.17	.10	142.60	
140-CC501B123K	.012µF	10%	.49	.19	.17	.10	142.60	
140-CC501B153K	.015µF	10%	.49	.22	.19	.11	165.60	Call For Quote
140-CC501B183K	.018µF	10%	.49	.22	.19	.11	165.60	
140-CC501B223K	.022µF	10%	.49	.24	.21	.11	165.60	
140-CC501B273K	.027µF	10%	.49	.24	.21	.11	165.60	

To order reels: add "/REEL" to Mouser Stock No.

Z5U Temperature Stable

140-CC501Z103M	.01µF	20%	.27	.09	.08	.07	128.80	
140-CC501Z153M	.015µF	20%	.33	.11	.09	.08	128.80	Call For Quote
140-CC501Z223M	.022µF	20%	.39	.14	.11	.09	149.75	
140-CC501Z333M	.033µF	20%	.49	.20	.15	.10	149.75	
140-CC501Z393M	.039µF	20%	.49	.20	.15	.10	149.75	
140-CC501Z473M	.047µF	20%	.49	.26	.20	.13	197.80	

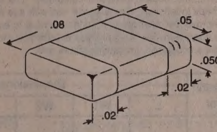
Available on Reels

To Order Reels: Add "/REEL" to MOUSER STOCK NO.

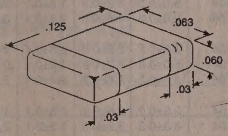
Features:

- Miniature in size, high capacitance to volume ratio
- Non-polar design
- High mounting density
- Standard tape and reel
- 50 volt rating

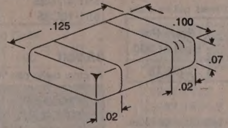
DIMENSIONS (IN.)



0805 SMD Case



1206 SMD Case



1210 SMD Case

New Expanded Selection

1206 SMD Case 50 Volt

To order reels: add "/REEL" to Mouser Stock No.

NPO Temperature Stable

MOUSER STOCK NO.	Value	Tol±	Price Each				4000 Per Reel Price Per Reel	
			1	100	500	1000	1	5
140-CC502N0.5C	0.5pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N1.0C	1.0pF	.25pF	.25	.12	.10	.08	128.80	Call For Quote
140-CC502N1.5C	1.5pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N1.8C	1.8pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N2.2C	2.2pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N2.7C	2.7pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N3.3C	3.3pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N3.9C	3.9pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N4.7C	4.7pF	.25pF	.25	.12	.10	.08	128.80	
140-CC502N5.1D	5.1pF	.5pF	.25	.12	.10	.08	128.80	
140-CC502N5.6D	5.6pF	.5pF	.25	.12	.10	.08	128.80	
140-CC502N6.8D	6.8pF	.5pF	.25	.12	.10	.08	128.80	
140-CC502N7.5D	7.5pF	.5pF	.25	.12	.10	.08	128.80	
140-CC502N8.2D	8.2pF	.5pF	.25	.12	.10	.08	128.80	
140-CC502N9.1D	9.1pF	.5pF	.25	.12	.10	.08	128.80	
140-CC502N100D	10pF	.5pF	.25	.12	.10	.08	128.80	
140-CC502N120J	12pF	5%	.27	.12	.11	.09	142.60	Call For Quote
140-CC502N150J	15pF	5%	.27	.12	.11	.09	142.60	
140-CC502N180J	18pF	5%	.27	.12	.11	.09	142.60	
140-CC502N200J	20pF	5%	.27	.12	.11	.09	142.60	
140-CC502N220J	22pF	5%	.27	.14	.11	.09	142.60	
140-CC502N270J	27pF	5%	.27	.12	.11	.09	142.60	
140-CC502N330J	33pF	5%	.27	.14	.11	.09	142.60	
140-CC502N390J	39pF	5%	.29	.14	.12	.09	149.75	
140-CC502N470J	47pF	5%	.29	.14	.12	.09	149.75	
140-CC502N510J	51pF	5%	.29	.14	.12	.09	149.75	
140-CC502N560J	56pF	5%	.29	.15	.12	.09	149.75	
140-CC502N680J	68pF	5%	.29	.15	.12	.09	149.75	
140-CC502N820J	82pF	5%	.32	.16	.14	.10	156.40	
140-CC502N101J	100pF	5%	.32	.16	.14	.10	156.40	
140-CC502N121J	120pF	5%	.32	.16	.14	.10	156.40	
140-CC502N151J	150pF	5%	.32	.16	.14	.10	166.93	Call For Quote
140-CC502N221J	220pF	5%	.32	.16	.14	.10	166.93	
140-CC502N331J	330pF	5%	.32	.16	.14	.10	184.22	
140-CC502N471J	470pF	5%	.32	.16	.14	.10	209.78	

To order reels: add "/REEL" to Mouser Stock No.

X7R Temperature Stable

140-CC502B391K	390pF	10%	.29	.15	.12	.09	142.60	
140-CC502B471K	470pF	10%	.29	.15	.12	.09	142.60	Call For Quote
140-CC502B561K	560pF	10%	.29	.15	.12	.09	142.60	
140-CC502B681K	680pF	10%	.28	.14	.11	.09	142.60	
140-CC502B821K	820pF	10%	.29	.15	.12	.09	142.60	
140-CC502B102K	1000pF	10%	.29	.15	.12	.09	142.60	
140-CC502B122K	1200pF	10%	.29	.15	.12	.09	142.60	
140-CC502B152K	1500pF	10%	.29	.15	.12	.09	149.75	
140-CC502B182K	1800pF	10%	.29	.15	.12	.09	142.60	
140-CC502B222K	2200pF	10%	.29	.15	.12	.09	149.75	
140-CC502B272K	2700pF	10%	.29	.15	.12	.09	142.60	
140-CC502B332K	3300pF	10%	.29	.15	.12	.09	149.75	
140-CC502B392K	3900pF	10%	.29	.15	.12	.09	149.75	
140-CC502B472K	4700pF	10%	.29	.15	.12	.09	149.75	
140-CC502B562K	5600pF	10%	.29	.15	.12	.09	149.75	
140-CC502B682K	6800pF	10%	.29	.15	.12	.09	149.75	
140-CC502B822K	8200pF	10%	.29	.15	.12	.09	142.60	
140-CC502B103K	.01µF	10%	.32	.16	.14	.10	156.40	
140-CC502B123K	.012µF	10%	.32	.16	.14	.10	156.40	
140-CC502B153K	.015µF	10%	.32	.16	.14	.10	183.90	
140-CC502B183K	.018µF	10%	.32	.16	.14	.10	156.40	
140-CC502B223K	.022µF	10%	.32	.16	.14	.10	211.60	
140-CC502B273K	.027µF	10%	.32	.16	.14	.10	156.40	Call For Quote
140-CC502B333K	.033µF	10%	.37	.18	.15	.12	225.40	
140-CC502B393K	.039µF	10%	.39	.21	.16	.14	225.40	
140-CC502B473K	.047µF	10%	.43	.22	.18	.15	252.75	
140-CC502B683K	.068µF	10%	.65	.32	.26	.22	365.23	
140-CC502B104K	.1µF	10%	.69	.35	.26	.24	450.80	

To order reels: add "/REEL" to Mouser Stock No.

Z5U Temperature Stable

MOUSER STOCK NO.	Value	Tol±	Price Each				4000 Per Reel Price Per Reel	
			1	100	500	1000	1	5
140-CC502Z683M	.068µF	20%	.56	.28	.21	.16	128.80	Call For Quote
140-CC502Z104M	.1µF	20%	.62	.31	.25	.19	312.80	
140-CC502Z224M	.22µF	20%	.67	.33	.26	.21	525.35	

1210 SMD CASE

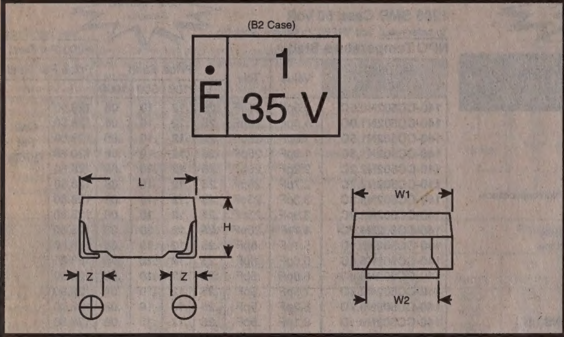
To order reels: add "/REEL" to Mouser Stock No.

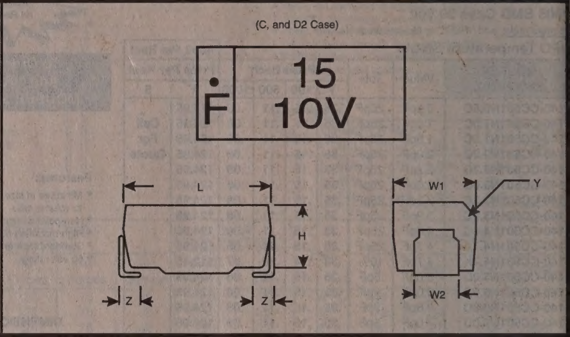
Z5U Temperature Stable

MOUSER STOCK NO.	Value	Tol±	Price Each				4000 Per Reel Price Per Reel	
			1	100	500	1000	1	5
140-CC503Z224M	.022µF	20%	.59	.29	.23	.18	472.82	Call

NEC Surface Mount Tantalum Capacitors

SVF-SERIES SOLID TANTALUM CHIP CAPACITORS





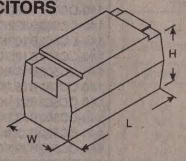
NEC's tantalum capacitors offer the designer advanced technological design and excellent performance characteristics for filtering, by-passing, coupling, decoupling, blocking, and R.C. Timing circuits. They are used extensively in industrial, commercial, entertainment, and medical electronic equipment. The tantalum capacitor is inherently very reliable and there is significant evidence that this reliability improves with age - perhaps indefinitely. Capacitance loss with age and other problems often associated with liquid electrolytes are non-existent in solid tantalums. A process used further to improve the reliability of solid tantalums is to burn them in at elevated voltages at 85°C for extended periods of time, thus eliminating high leakage and other undesirable characteristics. This process is based on the fact that solid tantalum capacitors do not conform to the exponential distribution of time ordered failures, but instead exhibit a constantly decreasing failure rate.

Specifications:
- Voltage range: 10V, 16V, 20V, 25V, 35V, and 50V
- Capacitance range: 1µF to 6.8µF
- Operating temperature range: -55°C to +125°C
- Tolerance: ±20%

MOUSER STOCK NO.	NEC MFG. No	Case Size	Cap. (µF)	DC Leakage Current (µA)	Dissipation Factor	Dimensions (mm)						Price Each				
						L	W1	W2	H	Z	Y	1	100	500	1000	5000
SVF-Series Capacitors 10 V																
551-475F10	SVFB21A475M	B2	4.7	0.5	0.04	3.5±0.2	2.8±0.2	2.3±0.1	1.9±0.2	0.8±0.3	- -	**.73**	**.61**	**.50**	**.45**	**Call**
551-156FC10	SVFC1A156M	C	15	1.5	0.06	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	**For**
551-336F10	SVFD21A336M	D2	33	3.3	0.06	5.8±0.3	4.6±0.3	2.4±0.1	3.2±0.3	1.3±0.3	- -	**1.69**	**1.40**	**1.16**	**1.04**	**Quote**
SVF-Series Capacitors 16 V																
551-335F16	SVFB21C335M	B2	3.3	0.5	0.04	3.5±0.2	2.8±0.2	2.3±0.1	1.9±0.2	0.8±0.3	- -	**.73**	**.61**	**.50**	**.45**	
551-475F16	SVFC1C475M	C	4.7	0.7	0.04	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	
551-685F16	SVFC1C685M	C	6.8	1.0	0.06	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	
551-106F16	SVFC1C106M	C	10	1.6	0.06	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	
551-156F16	SVFD21C156M	D2	15	2.4	0.06	5.8±0.3	4.6±0.3	2.4±0.1	3.2±0.3	1.3±0.3	- -	**1.69**	**1.40**	**1.16**	**1.04**	
551-226F16	SVFD21C226M	D2	22	3.5	0.06	5.8±0.3	4.6±0.3	2.4±0.1	3.2±0.3	1.3±0.3	- -	**1.69**	**1.40**	**1.16**	**1.04**	
SVF-Series Capacitors 20 V																
551-225F20	SVFB21D225M	B2	2.2	0.5	0.04	3.5±0.2	2.8±0.2	2.3±0.1	1.9±0.2	0.8±0.3	- -	**.73**	**.61**	**.50**	**.45**	**Call**
551-475F20	SVFC1D475M	C	4.7	0.9	0.04	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	**For**
551-106F20	SVFD21D106M	D2	10	2.0	0.06	5.8±0.3	4.6±0.3	2.4±0.1	3.2±0.3	1.3±0.3	- -	**1.69**	**1.40**	**1.16**	**1.04**	**Quote**
SVF-Series Capacitors 25 V																
551-155F25	SVFB21E155M	B2	1.5	0.5	0.04	3.5±0.2	2.8±0.2	2.3±0.1	1.9±0.2	0.8±0.3	- -	**.73**	**.61**	**.50**	**.45**	
551-335F25	SVFC1E335M	C	3.3	0.8	0.04	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	
551-685F25	SVFD21E685M	D2	6.8	1.7	0.06	5.8±0.3	4.6±0.3	2.4±0.1	3.2±0.3	1.3±0.3	- -	**1.69**	**1.40**	**1.16**	**1.04**	
SVF-Series Capacitors 35 V																
551-105F35	SVFB21V105M	B2	1.0	0.5	0.04	3.5±0.2	2.8±0.2	2.3±0.1	1.9±0.2	0.8±0.3	- -	**.73**	**.61**	**.50**	**.45**	
551-225F35	SVFC1V225M	C	2.2	0.7	0.04	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	
551-475F35	SVFD21V475M	D2	4.7	1.6	0.04	5.8±0.3	4.6±0.3	2.4±0.1	3.2±0.3	1.3±0.3	- -	**1.69**	**1.40**	**1.16**	**1.04**	
SVF-Series Capacitors 50 V																**Call**
551-105F50	SVFC1H105M	C	1.0	0.5	0.04	6.0±0.3	3.2±0.3	1.8±0.1	2.5±0.3	1.3±0.3	0.4C	**1.32**	**1.10**	**.91**	**.82**	**For**
551-335F50	SVFD21H335M	D2	3.3	1.7	0.04	5.8±0.3	4.6±0.3	2.4±0.1	3.2±0.3	1.3±0.3	- -	**1.69**	**1.40**	**1.16**	**1.04**	**Quote**

SERIES SMD MOLDED TANTALUM CAPACITORS

Specifications:
- Operating temperature range: -55°C to +125°C
- Soldering heat resistance: 260°C for 5 seconds
- Capacitance tolerance: ±10%



6.3 Volt

To order reels: add "/REEL" to Mouser Stock No. For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size	Dimensions (In.)			Price Each		Price Per Reel of 500
			L	W	H	1	100	
551-47C6.3	47	D	.287	.169	.110	**1.54**	**1.35**	**298.15**

10 Volt

To order reels: add "/REEL" to Mouser Stock No. For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size	Dimensions (In.)			Price Each				Price Per Reel of 2000
			L	W	H	1	100	500	1000	
551-4.7C10	4.7	B2	.138	.110	.075	**.79**	**.70**	**.67**	**.63**	**470.25**

16 Volt

To order reels: add "/REEL" to Mouser Stock No. For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size	Dimensions (In.)			Price Each		Price Per Reel of 500
			L	W	H	1	100	
551-10C16	10	C	.236	.126	.098	**1.46**	**1.32**	**235.75**
551-22C16	22	D	.287	.169	.110	**1.61**	**1.44**	**287.50**

Board side shown upwards for illustration

To Order Reels:
Add "/REEL" to Mouser Stock No.

25 Volt

To order reels: add "/REEL" to Mouser Stock No. For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value (µF)	Case Size	Dimensions (In.)			Price Each		Price Per Reel of 500
			L	W	H	1	100	
551-4.7C25	4.7	C	.236	.126	.098	**1.49**	**1.35**	**235.75**
551-10C25	10	D	.287	.169	.110	**1.61**	**1.44**	**287.50**

35 Volt

To order reels: add "/REEL" to Mouser Stock No. For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value (µF)	Case Size	Dimensions (In.)			Price Each				Price Per Reel of 2000
			L	W	H	1	100	500	1000	
551-0.1C35	0.1	A	.126	.063	.063	**.60**	**.53**	**.51**	**.48**	**380.25**
551-.33C35	.33	A	.126	.063	.063	**.60**	**.53**	**.51**	**.48**	**380.25**
551-1.0C35	1.0	B2	.138	.110	.075	**.79**	**.70**	**.67**	**.63**	**470.25**

35 Volt

To order reels: add "/REEL" to Mouser Stock No. For quantities greater than listed, call for quote

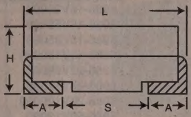
MOUSER STOCK NO.	Value (µF)	Case Size	Dimensions (In.)			Price Each		Price Per Reel of 500
			L	W	H	1	100	
551-2.2C35	2.2	C	.236	.126	.098	**1.37**	**1.21**	**230.00**
551-4.7C35	4.7	D	.287	.169	.110	**1.61**	**1.44**	**287.50**
551-6.8C35	6.8	D	.287	.169	.110	**1.69**	**1.48**	**298.15**

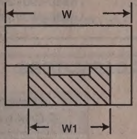
Surface Mount Capacitors

THOMSON PASSIVE COMPONENTS FT SERIES SMD SOLID TANTALUM CHIP CAPACITORS

The FT series is specifically designed for surface mount applications in accordance with EIA specifications. These three chip sizes offer capacitance values from .47µF to 47µF with rated voltages from 10 to 35 VDC.

Specifications:
- Operating temperature range: -55°C to +125°C
- Rated working voltage range: 10, 16, 25, and 35 volts DC
- Capacitance tolerance: ±20%
- Soldering heat resistance: 260°C for 10 seconds





DIMENSIONS (IN.)

Case Size	L ± .0078	H ± .0078	W ± .0078	W1 ± .0078	A ± .0118	S
A	.126	.063	.063	.047	.031	.043
B	.138	.075	.11	.087	.031	.055
C	.24	.102	.126	.087	.051	.114
D	.29	.114	.17	.094	.051	.173

10 Volt

To order reels: add "/REEL" to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size	Price Each				Price Per Reel	
							Qty. Per Reel 500	Qty. Per Reel 2000
			1	100	500	1000	1	1
581-2.2T10	2.2	A	.57	.51	.48	.46	- - -	330.00
581-4.7T10	4.7	B	.69	.61	.58	.55	- - -	410.00
581-33T10	33	D	1.40	1.25	- - -	- - -	250.00	- - -
581-47T10	47	D	1.65	1.48	- - -	- - -	280.00	- - -

16 Volt

MOUSER STOCK NO.	Value (µF)	Case Size	1	100	500	1000	1	1
581-1.0T16	1.0	A	.49	.44	.42	.42	- - -	330.00
581-3.3T16	3.3	B	.69	.61	.58	.58	- - -	410.00
581-6.8T16	6.8	C	1.19	1.05	- - -	- - -	200.00	- - -
581-10T16	10	C	1.27	1.15	- - -	- - -	205.00	- - -
581-22T16	22	D	1.40	1.25	- - -	- - -	250.00	- - -

Marking

25 Volt

To order reels: add "/REEL" to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size	Price Each				Price Per Reel	
							Qty. Per Reel 500	Qty. Per Reel 2000
			1	100	500	1000	1	1
581-10T25	10	D	1.40	1.25	- - -	- - -	250.00	- - -

35 Volt

MOUSER STOCK NO.	Value (µF)	Case Size	1	100	500	1000	1	1
581-.47T35	.47	A	.69	.61	.58	.55	- - -	410.00
581-1.0T35	1.0	B	.69	.61	.58	.55	- - -	410.00
581-2.2T35	2.2	C	1.19	1.05	- - -	- - -	200.00	- - -
581-4.7T35	4.7	C	1.40	1.25	- - -	- - -	250.00	- - -

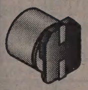
ELNA SMD ALUMINUM ELECTROLYTIC CAPACITORS

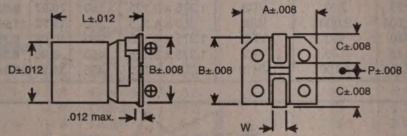
RV2J Series

Available on Reels

Specifications:
- Operating temperature range: -55°C to +105°C
- Leakage current: less than 0.01 CV (µA)
- Capacitance tolerance: ±20%

DIMENSIONS (IN.)





To order reels: add "/REEL" to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cap. (µF)	Dia. (D)	L	A	B	C	W	P	Price Each			Price Per Reel	
												Qty. Per Reel 1000	Qty. Per Reel 2000
									1	100	500	1	1
6.3 Volt DC													
555-6.3V100	100	.248	.209	.260	.260	.106	.019 to .031	.079	.49	.43	.31	179.90	- - - - -
16 Volt DC													
555-16V47	47	.248	.209	.260	.260	.106	.019 to .031	.079	.49	.43	.31	179.90	- - - - -
25 Volt DC													
555-25V33	33	.248	.209	.260	.260	.106	.019 to .031	.079	.49	.43	.31	179.90	- - - - -
35 Volt DC													
555-35V10	10	.197	.209	.209	.209	.055	.019 to .031	.055	.46	.40	.29	179.90	- - - - -
555-35V22	22	.248	.209	.260	.260	.079	.019 to .031	.079	.49	.43	.31	179.90	- - - - -
50 Volt DC													
555-50V1.0	1.0	.157	.209	.169	.169	.079	.019 to .031	.039	.37	.33	.23	- - - - -	318.20
555-50V2.2	2.2	.157	.209	.169	.169	.079	.019 to .031	.039	.37	.33	.23	- - - - -	318.20
555-50V4.7	4.7	.197	.209	.209	.209	.079	.019 to .031	.055	.42	.37	.26	179.90	- - - - -

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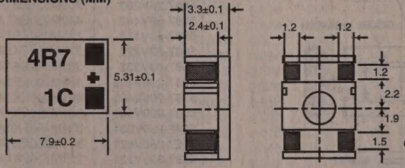
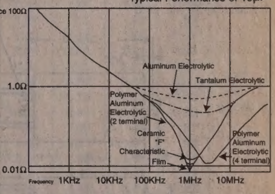
CDE CORNELL DUBILIER SMT POLYMER ALUMINUM CAPACITORS TYPE ESR

NEW!

DIMENSIONS (MM)



Typical Performance of 10µF



Features:
- Low impedance
- Extended operating frequency range
- Extended operating temperature
- Stable impedance vs. temperature
- Stable ESR vs. temperature
- Solid electrolyte for extended life
- Four terminals for low impedance connections up to 10MHz

Specifications:
- Operating temperature range: -40°C to +105°C
- Surge voltage: 125% rated working VDC
- Capacitance range : 4.7µF to 33µF
- Capacitance tolerance: 20% @ 120Hz and +20°C
- DC leakage current: apply rated working voltage @ +20°C
- Maximum DC current rating: 2.0ADC between terminals of the same polarity

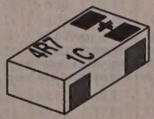
MOUSER STOCK NO.	Manufacturer's Type - ESR	Value (µF)	Voltage	Price Each			
				1	100	500	1000
5987-6.3V10	100M0J00B	10µF	6.3	2.07	1.72	1.56	Call For Quote
5987-6.3V22	220M0J00B	22µF	6.3	2.39	1.99	1.81	
5987-6.3V33	330M0J00B	33µF	6.3	2.64	2.20	2.00	
5987-8V8.2	8R2M0K00B	8.2µF	8	2.07	1.72	1.56	

MOUSER STOCK NO.	Manufacturer's Type - ESR	Value (µF)	Voltage	Price Each			
				1	100	500	1000
5987-8V15	150M0K00B	15µF	8	2.39	1.99	1.81	Call For Quote
5987-8V22	220M0K00B	22µF	8	2.64	2.20	2.00	
5987-16V4.7	4RFM1C00B	4.7µF	16	2.39	1.99	1.81	
5987-16V6.8	6R8M1C00B	6.8µF	16	2.64	2.20	2.00	

ENGINEERING DESIGNERS KIT #1

MOUSER STOCK NO.	Type	No. of Pieces Each Value	Value	Price Each
5987-ESR KIT	ESR 6.3V ± 20%	16	10µF, 22µF, 33µF	240.00
	ESR 8V ± 20%	16	8.2µF, 15µF, 22µF	
	ESR 16V ± 20%	16	4.7µF, 6.8µF	

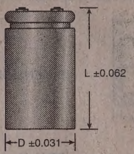
Contains:
- 128 pieces
- 8 different values
- Keyed for easy use



Electrolytic Capacitors

CDE CORNELL DUBILIER HIGH CAPACITANCE COMPUTER GRADE DCMX-MAXIMUM CAPACITANCE SERIES

These aluminum electrolytic capacitors are designed for power supply filters, welding equipment, computer hold up power and other industrial applications where large capacitance, low ESR and high ripple current are required.



Specifications:

- Tolerance: <200VDC = -10 to +75%
  ≥200VDC = -10 to +50%
- Temperature range: -40°C to 85°C
- Voltage range: 16VDC to 450VDC
- 1000 hours full-ripple life test at +85°C
- 100 hours shelf life test at +85°C
- Leakage current ≤0.005CV µA(6 mA max.)

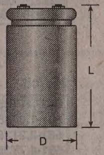
MOUSER STOCK NO.	Mfr's Type DCMX	Value (µF)	Case DxL (in.)	WVDC	Price Each			
					1	50	100	250
5986-16V20000	203U016AK2B	20,000	1.375 x 1.625	16	9.70	7.76	6.44	Call For Quote
5986-16V58000	583U016AB2B	58,000	1.375 x 3.125	16	19.08	15.26	12.67	
5986-16V85000	853U016AC2B	85,000	1.375 x 4.125	16	24.55	19.64	16.30	
5986-16V180000	184U016BC2B	180,000	2.000 x 4.125	16	46.70	37.36	31.01	
5986-25V39000	393U025AB2B	39,000	1.375 x 3.125	25	20.45	16.36	13.58	
5986-25V57000	573U025AC2B	57,000	1.375 x 4.125	25	26.50	21.20	17.60	
5986-25V120000	124U025BC2B	120,000	2.000 x 4.125	25	50.60	40.48	33.60	
5986-50V12000	123U050AH2B	12,000	1.375 x 2.625	50	18.10	14.48	12.02	
5986-50V23000	233U050AC2B	23,000	1.375 x 4.125	50	28.05	22.44	18.63	
5986-100V15000	153U100BC2B	15,000	2.000 x 4.125	100	49.90	39.90	33.13	
5986-250V2900	292T250BC2B	2,900	2.000 x 4.125	250	41.40	33.12	27.49	
5986-450V390	391T450AB2B	390	1.375 x 3.125	450	29.00	23.20	19.26	

MALLORY COMPUTER GRADE ALUMINIUM ELECTROLYTIC CAPACITORS

Industry Cross -Reference

Mallory CGS Series Equivalents

Mallory CGS Series Equivalents
Collins - CES Series
Cornell Dubilier - FAH Series
General Electric - 86F Series
Mepco-electra - 3186/91C & 91F Series
Nichicon - NSB Series
Rubycon - LSA Series
Sangamo - 500, DCM Series
Sprague - 36D, 36DX Series

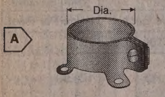


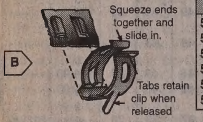
MOUSER STOCK NO.	Capacitance (µF)	Mounting Clamp #	Case DxL (in.)	WVDC	Price Each			
					1	50	100	250
539-CGS25V4700	4,700	VR3	1.375 x 2.125	25	6.10	5.72	5.52	Call For Quote
539-CGS25V5600	5,600	VR3	1.375 x 3.125	25	6.60	6.18	5.98	
539-CGS25V8900	8,900	VR3	1.375 x 3.125	25	8.92	8.36	8.08	
539-CGS25V12000	12,000	VR8	2.0 x 3.125	25	9.14	8.57	8.28	
539-CGS25V20000	20,000	VR8	2.0 x 3.125	25	10.69	10.02	9.69	
539-CGS25V29000	29,000	VR8	2.0 x 4.125	25	14.18	13.29	12.85	
539-CGS40V2200	2,200	VR3	1.375 x 2.125	40	6.45	6.05	5.84	
539-CGS40V4200	4,200	VR3	1.375 x 3.125	40	8.10	7.54	7.34	
539-CGS40V5100	5,100	VR3	1.375 x 3.125	40	8.51	7.98	7.71	
539-CGS40V11000	11,000	VR8	2.0 x 3.125	40	10.05	9.42	9.11	
539-CGS40V17000	17,000	VR8	2.0 x 4.125	40	12.45	11.67	11.29	
539-CGS40V40000	40,000	VR10	2.5 x 4.125	40	34.34	32.19	31.12	
539-CGS50V2200	2,200	VR3	1.375 x 2.125	50	6.28	5.88	5.68	
539-CGS50V4100	4,100	VR3	1.375 x 3.125	50	7.94	7.44	7.19	
539-CGS50V4300	4,300	VR3	1.375 x 4.125	50	8.18	7.67	7.41	
539-CGS50V6100	6,100	VR3	1.375 x 4.125	50	7.57	7.10	6.86	
539-CGS50V9600	9,600	VR8	2.0 x 4.125	50	10.21	9.57	9.26	
539-CGS75V2100	2,100	VR3	1.375 x 3.125	75	8.29	7.77	7.51	
539-CGS75V4800	4,800	VR8	2.0 x 3.125	75	10.79	10.11	9.78	
539-CGS75V17000	17,000	VR12	3.0 x 4.125	75	37.20	34.88	33.71	
539-CGS100V4000	4,000	VR8	2.0 x 4.125	100	13.76	12.90	12.47	
539-CGS150V720	720	VR3	1.375 x 3.125	150	10.27	9.63	9.31	
539-CGS200V2000	2,000	VR8	2.0 x 4.125	200	12.72	11.93	11.53	
539-CGS250V550	550	VR3	1.375 x 4.125	250	10.08	9.75	9.14	
539-CGS450V140	140	VR3	1.375 x 3.125	450	8.90	8.34	7.34	
539-CGS450V1100	1,100	VR12	3.0 x 4.125	450	38.55	36.14	34.93	

MOUNTING HARDWARE

A The VR mounting clamps may be used to mount any cylindrical capacitor with a 1" to 3" diameter that is to be mounted in a vertical position. The clamps are unassembled with the screw and nut included.

B The TH horizontal mounting clip, though designed for capacitors, may also be used to hold spindles, tubes, rods, conduit and other components.




Squeeze ends together and slide in.
B
Tabs retain clip when released

Mounting Hardware Sold Separately

MOUSER STOCK NO.	Fig.	Diameter (in.)	Price Each			
			1	10	100	500
539-VR3	A	1.375-1.44	.65	.61	.59	Call For Quote
539-VR6	A	1.75-1.81	1.23	1.15	1.11	
539-VR8	A	2-2.06	1.07	.99	.97	
539-VR10	A	2.5-2.56	1.56	1.46	1.41	
539-VR12	A	3-3.125	1.48	1.39	1.35	
539-TH25	B	1.375-1.44	1.27	1.18	1.15	

CDE CORNELL DUBILIER FLATPACK ALUMINUM INPUT CAPACITORS

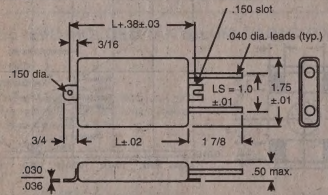
Features:

- Height: Less than 1/2 inch
- Capacitance: 220 to 20,000µF
- Voltage: 25 to 300 VDC
- Operates: -55°C to 85°C
- 2,000-Hour life test: 85°C

Type MLP:

- Military
- Telecom
- Computer power supply modules
- Circuit cards

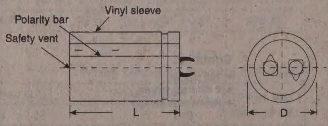
New MLP 1/2-inch height, will cut your capacitor volume in half!



MOUSER STOCK NO.	MFG Type (MLP)	WVDC	Capacitance (µF)	Length (In.)	Price Each			
					1	10	25	50
5987-25V203	203M025EB1A	25	20000	3.00	31.04	29.10	28.13	Call For Quote
5987-50V442	442M050EK1A	50	4400	1.50	24.84	23.28	22.51	
5987-50V113	113M050EB1A	50	11000	3.00	31.04	29.10	28.13	
5987-63V222	222M063EK1A	63	2200	1.50	24.84	23.28	22.51	
5987-80V332	332M080EB1A	80	3300	3.00	31.04	29.10	28.13	
5987-200V102	102M200EB1A	200	1000	3.00	31.04	29.10	28.13	
5987-200V401	401M200EK1A	200	400	1.5	24.84	23.28	22.51	Call For Quote
5987-200V501	501M200EK1A	200	500	1.5	24.84	23.28	22.51	
5987-250V331	331M250EK1A	250	330	1.5	24.84	23.28	22.51	
5987-250V821	821M250EB1A	250	820	3.00	31.04	29.10	28.13	
5987-300V221	221M300EK1A	300	220	1.50	24.84	23.28	22.51	
5987-300V561	561M300EB1A	300	560	3.00	31.04	29.10	28.13	

CDE CORNELL DUBILIER SNAPMOUNT ALUMINUM ELECTROLYTIC 381LX, 105°C SERIES

The new 381LX series provides lower-profile and smaller diameter with 105°C capability through 450 VDC, ripple capability to beyond 10 amp, and convenience of snap-in mounting. Designed for power supply input and output circuits.

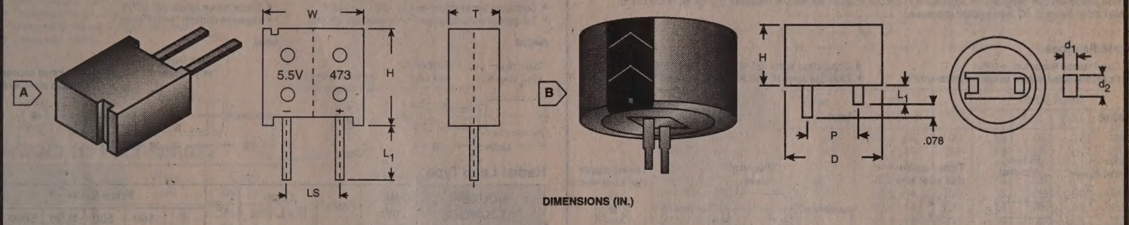


Specifications:

- Tolerance: ±20%
- Temperature range: -40°C to 105°C
- Voltage range: 16 VDC to 450 VDC
- Full ripple life @ rated temperature: 2,000 hours
- Shelf life test @ rated temperature: 1,000 hours

MOUSER STOCK NO.	Mfr's type 381LX	Value (µF)	WVDC	Dim. (mm)	Price Each		
				D x L	1	100	500
5985-16V10000	103M016J012	10,000	16	25 X 25	3.31	2.63	1.64
5985-16V15000	153M016J032	15,000	16	25 X 35	4.03	3.20	2.00
5985-25V10000	103M025J032	10,000	25	25 X 35	3.87	3.08	1.92
5985-25V15000	153M025J452	15,000	25	25 X 45	5.17	4.10	2.56
5985-200V220	221M200H012	220	200	22 X 25	2.80	2.23	1.39
5985-200V330	331M200J012	330	200	25 X 25	3.37	2.68	1.67
5985-200V470	471M200J032	470	200	25 X 35	4.00	3.18	1.98
5985-200V680	681M200J042	680	200	25 X 40	4.85	3.85	2.40
5985-200V1000	102M200K452	1,000	200	30 X 45	6.65	5.28	3.29
5985-250V470	471M250J452	470	250	25 X 45	5.07	4.03	2.51
5985-250V1000	102M250A452	1,000	250	35 X 45	9.73	7.23	4.82
5985-450V100	101M450J042	100	450	25 X 40	5.32	4.23	2.64
5985-450V220	221M450K052	220	450	30 X 50	10.27	8.15	5.09

NEC "Supercap™" Capacitors



DIMENSIONS (IN.)

The NEC supercap offers a high volumetric efficiency. These farad-range, small, battery-like capacitors can protect circuits against temporary power outages. Supercaps are suitable to applications such as CMOS, clock functions, electronic controls, audio, & communications equipment which require soldered-in stand by power.

Specifications for FM, FS, FY, FE, and FA series:

- Max. working voltage: 3.5VDC, 5.5VDC, 6.5VDC, 11VDC
- Capacitance range: 0.01F to 2.2F
- Operating temperature range: 25°C to +70°C
- Tolerance: +80 -20%
- Soldering: 230° +5°C, 5 ±0.5 sec. (<75% lead surface)

Specifications for FR series:

- Max. working voltage: 5.5VDC
- Capacitance range: 0.022F to 1.0F
- Operating temperature range: -40°C to +85°C
- Tolerance: +80 -20%
- Soldering: 230°±5°C, 5 ±0.5 sec. (<75% lead surface)

Features:

- Electric double-layer construction
- Very high CV rating and volumetric efficiency
- Low-profile radial package
- Capacitor type charge cycling: no discharge memory effects

"SUPERCAP™" CAPACITORS

MOUSER STOCK NO.	Fig.	NEC Mfg. No.	Voltage DC	Cap. (Farad)	ESR (max) Ω @ 1KHz	Ia (max) mA	H	W	T	LS	L_1	Price Each 1	100	500	1000	5000
FM-Series Supercap™																
551-FM103	A	FM0H103Z	5.5	.01	300	0.015	.46	.42	.25	.20	.20	**1.36**	**1.10**	**.910**	**.82**	**Call For Quote**
551-FM223	A	FM0H223Z	5.5	.022	200	0.033	.46	.42	.25	.20	.20	**1.47**	**1.22**	**1.02**	**.91**	
551-FM473	A	FM0H473Z	5.5	.047	200	0.071	.46	.42	.25	.20	.20	**1.60**	**1.33**	**1.11**	**.99**	
551-FM104	A	FM0H104Z	5.5	.1	100	0.15	.46	.42	.25	.20	.20	**2.18**	**1.81**	**1.51**	**1.35**	

"SUPERCAP™" CAPACITORS

MOUSER STOCK NO.	Fig.	NEC Mfg. No.	Voltage DC	Cap. (Farad)	ESR (max) Ω @ 1KHz	Ia (max) mA	D	H (max.)	P	d_1	d_2	L_1 (max.)	Price Each 1	100	500	1000	5000
FR-Series Supercap™																	
551-FR022	B	FR0H223Z	5.5	.022	220	0.033	0.453	0.551	0.200	0.016	0.047	0.106	**2.03**	**1.59**	**1.41**	**1.26**	**Call For Quote**
551-FR047	B	FR0H473Z	5.5	.047	110	0.071	0.571	0.551	0.200	0.016	0.047	0.095	**2.18**	**1.81**	**1.51**	**1.35**	
551-FR100	B	FR0H104Z	5.5	.1	150	0.15	0.571	0.610	0.200	0.016	0.047	0.095	**2.91**	**2.41**	**2.01**	**1.90**	
551-FR220	B	FR0H224Z	5.5	.22	180	0.33	0.571	0.827	0.200	0.016	0.047	0.095	**4.35**	**3.61**	**3.01**	**2.70**	
551-FR470	B	FR0H474Z	5.5	.47	100	0.71	0.650	0.846	0.200	0.016	0.047	0.106	**5.81**	**4.81**	**4.01**	**3.60**	
551-FR1.0	B	FR0H105Z	5.5	1.	60	1.5	0.850	0.866	0.200	0.024	0.047	0.118	**7.26**	**6.01**	**5.01**	**4.50**	
FS-Series Supercap™																	
551-FS022	B	FS0H223Z	5.5	.022	60	0.033	0.453	0.335	0.200	0.016	0.047	0.106	**1.47**	**1.22**	**1.02**	**.91**	
551-FS047	B	FS0H473Z	5.5	.047	40	0.071	0.512	0.335	0.200	0.016	0.047	0.087	**1.60**	**1.33**	**1.11**	**.90**	
551-FS100	B	FS0H104Z	5.5	.1	25	0.15	0.650	0.335	0.200	0.016	0.047	0.106	**2.18**	**1.81**	**1.51**	**1.35**	
551-FS220	B	FS0H224Z	5.5	.22	25	0.33	0.650	0.512	0.200	0.016	0.047	0.106	**3.49**	**2.89**	**2.41**	**2.16**	
551-FS470	B	FS0H474Z	5.5	.47	13	0.71	0.846	0.512	0.300	0.024	0.047	0.118	**4.50**	**3.73**	**3.11**	**2.79**	
551-FS1.0	B	FS0H105Z	5.5	1.	7	1.5	1.122	0.551	0.400	0.024	0.055	0.240	**5.81**	**4.81**	**4.01**	**3.60**	
551-FSH043	B	FSH0V433Z	3.5	.043	50	0.039	.44	.208	0.203	0.008	0.048	0.108	**1.28**	**1.06**	**.88**	**.80**	
551-FSH022	B	FSH0J223Z	6.5	.022	60	0.40	.46	.34	0.203	0.016	0.048	0.108	**1.72**	**1.42**	**1.18**	**1.07**	
FY-Series Supercap™																	
551-FYD022	B	FYD0H223Z	5.5	.022	220	0.033	0.453	0.335	0.200	0.016	0.047	0.106	**1.31**	**1.09**	**.91**	**.81**	
551-FYD027	B	FYD0J273Z	6.5	.027	200	0.049	.46	.34	0.203	0.016	0.048	0.108	**1.86**	**1.54**	**1.28**	**1.16**	
551-FYD047	B	FYD0H473Z	5.5	.047	220	0.071	0.453	0.335	0.200	0.016	0.047	0.106	**1.45**	**1.21**	**1.01**	**.90**	
551-FYD056	B	FYD0V563Z	3.5	.056	150	0.050	.44	.208	0.203	0.008	0.048	0.108	**1.34**	**1.11**	**.92**	**.83**	
551-FYD100	B	FYD0H104Z	5.5	.1	100	0.15	0.512	0.335	0.200	0.016	0.047	0.087	**1.80**	**1.49**	**1.25**	**1.12**	
551-FYD220	B	FYD0H224Z	5.5	.22	120	0.33	0.571	0.591	0.200	0.016	0.047	0.095	**3.05**	**2.53**	**2.11**	**1.89**	
551-FYD470	B	FYD0H474Z	5.5	.47	65	0.71	0.65	0.591	0.200	0.016	0.047	0.106	**4.35**	**3.61**	**3.01**	**2.70**	
551-FYD1.0	B	FYD0H105Z	5.5	1.	35	1.5	0.85	0.629	0.300	0.024	0.047	0.118	**4.94**	**4.09**	**3.41**	**3.06**	**Call For Quote**
551-FYD1.4	B	FYD0H145Z	5.5	1.4	45	2.1	0.85	0.748	0.300	0.024	0.047	0.118	**7.40**	**6.13**	**5.10**	**4.59**	
551-FYD2.2	B	FYD0H225Z	5.5	2.2	35	3.3	1.122	0.866	0.400	0.024	0.055	0.240	**14.51**	**12.01**	**10.01**	**9.00**	
551-FYH022	B	FYH0H223Z	5.5	.022	200	0.033	0.453	0.276	0.200	0.016	0.047	0.106	**1.31**	**1.09**	**.91**	**.81**	
551-FYH047	B	FYH0H473Z	5.5	.047	100	0.071	0.512	0.276	0.200	0.016	0.047	0.087	**1.46**	**1.21**	**1.01**	**.90**	
551-FYH100	B	FYH0H104Z	5.5	.1	50	0.15	0.65	0.295	0.200	0.016	0.047	0.106	**2.32**	**1.93**	**1.61**	**1.44**	
551-FYH220	B	FYH0H224Z	5.5	.22	60	0.33	0.65	0.374	0.200	0.016	0.047	0.106	**3.93**	**3.25**	**2.71**	**2.43**	
551-FYH470	B	FYH0H474Z	5.5	.47	35	0.71	0.85	0.394	0.300	0.024	0.047	0.118	**5.52**	**4.56**	**3.81**	**3.42**	
551-FYH1.0	B	FYH0H105Z	5.5	1.	20	1.5	1.122	0.433	0.400	0.024	0.055	0.240	**7.26**	**6.01**	**5.01**	**4.50**	
551-FYL010	B	FYL0H103Z	5.5	.01	300	0.015	0.43	0.197	0.200	0.016	0.047	0.106	**1.25**	**1.04**	**.87**	**.77**	
551-FYL022	B	FYL0H223Z	5.5	.022	200	0.033	0.43	0.197	0.200	0.016	0.047	0.106	**1.31**	**1.09**	**.91**	**.81**	
551-FYL047	B	FYL0H473Z	5.5	.047	200	0.071	0.47	0.197	0.200	0.016	0.047	0.087	**1.46**	**1.21**	**1.01**	**.90**	
FE-Series Supercap™																	
551-FE047	B	FE0H473Z	5.5	.047	14	0.071	0.57	0.55	0.2	0.016	0.047	0.087	**5.81**	**4.81**	**4.01**	**3.60**	
551-FE100	B	FE0H104Z	5.5	.1	6.5	0.15	0.65	0.55	0.2	0.016	0.047	0.106	**8.33**	**6.89**	**5.75**	**5.17**	
551-FE220	B	FE0H224Z	5.5	.22	3.5	0.33	0.85	0.61	0.3	0.024	0.047	0.118	**10.50**	**8.69**	**7.25**	**6.52**	
551-FE470	B	FE0H474Z	5.5	.47	1.8	0.71	1.12	0.65	0.4	0.024	0.055	0.240	**14.30**	**11.84**	**9.87**	**8.87**	
551-FE1.0	B	FE0H105Z	5.5	1.	1.0	1.5	1.44	0.73	0.59	0.024	0.067	0.240	**17.95**	**14.86**	**12.39**	**11.14**	
551-FE1.5	B	FE0H155Z	5.5	1.5	0.6	2.3	1.75	0.73	0.79	0.039	0.055	0.240	**24.39**	**20.19**	**16.83**	**15.14**	
FA-Series Supercap™																	
551-FA047	B	FA0H473Z	5.5	.047	20	0.071	0.630	0.610	0.197	0.024	0.047	0.197	**5.60**	**4.64**	**3.87**	**3.47**	**Call For Quote**
551-FA100	B	FA0H104Z	5.5	.1	8	0.15	0.846	0.610	0.295	0.024	0.047	0.217	**7.84**	**6.49**	**5.41**	**4.86**	
551-FA220	B	FA0H224Z	5.5	.22	5	0.33	1.122	0.650	0.394	0.039	0.055	0.374	**9.78**	**8.09**	**6.75**	**6.07**	
551-FA470	B	FA0H474Z	5.5	.47	3.5	0.71	1.437	0.650	0.591	0.024	0.067	0.374	**13.98**	**11.57**	**9.65**	**8.68**	
551-FA1.0	B	FA0H105Z	5.5	1.	2.5	1.5	1.752	0.728	0.787	0.039	0.055	0.374	**16.83**	**13.93**	**11.61**	**10.44**	
551-223A11	B	FA1A223Z	11	.022	20	0.066	0.630	0.984	0.197	0.024	0.047	0.197	**7.02**	**5.81**	**4.85**	**4.36**	
551-104A11	B	FA1A104Z	11	.1	8	0.3	1.122	1.004	0.394	0.039	0.055	0.374	**15.38**	**12.73**	**10.61**	**9.54**	
551-224A11	B	FA1A224Z	11	.22	6	0.66	1.437	1.083	0.591	0.039	0.055	0.374	**22.34**	**18.49**	**15.41**	**13.86**	
551-474A11	B	FA1A474Z	11	.47	4	1.41	1.752	1.122	0.787	0.039	0.055	0.374	**25.18**	**20.84**	**17.37**	**15.62**	

Non-Polar and Bi-Polar Electrolytic Capacitors

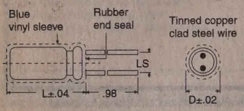
XICON™ NON-POLARIZED ELECTROLYTICS

These capacitors are designed for application in circuits that are sometimes reversed in polarity, or circuits to which short duration AC voltages are impressed.

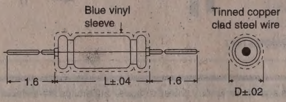
Specifications:

- Capacitance tolerance: ±10%
- Operating temperature range: -40°C to +85°C
- Dissipation factor (25°C): @ 120Hz=15% @ 1KHz=20%
- Leakage current: I=0.02CV=3µA (max.)

Radial



Axial



Radial Lead Type

MOUSER STOCK NO.	Value (µF)	Volts	Case D x L (In.)	LS	Price Each 1	100	500	1000	5000
140-NPRL50V1.0	1.0	50	.20 x .44	.08	.25	.18	.14	.11	Call For Quote
140-NPRL50V2.2	2.2	50	.20 x .44	.08	.28	.20	.16	.12	
140-NPRL50V3.3	3.3	50	.20 x .44	.08	.29	.21	.17	.13	
140-NPRL50V4.7	4.7	50	.20 x .44	.08	.29	.21	.17	.13	
140-NPRL50V6.8	6.8	50	.24 x .44	.10	.35	.26	.21	.15	
140-NPRL50V10	10	50	.32 x .44	.14	.42	.30	.24	.18	
140-NPRL50V15	15	50	.32 x .59	.14	.46	.34	.26	.20	
140-NPRL50V22	22	50	.32 x .44	.14	.60	.43	.34	.26	
140-NPR50V33	33	50	.51 x .83	.20	.60	.43	.34	.26	
140-NPRL50V47	47	50	.40 x .63	.20	.81	.58	.46	.35	
140-NPRL50V50	50	50	.40 x .63	.20	.91	.67	.53	.39	
140-NPRL50V68	68	50	.40 x .63	.20	.94	.71	.57	.43	
140-NPRL50V100	100	50	.40 x .79	.20	1.00	.75	.60	.45	
140-NPRL50V1000	1000	50	.72 x 1.64	.30	4.49	3.37	2.69	2.02	
140-NPRL100V50	50	100	.51 x .79	.20	1.67	1.20	.95	.72	

Axial Lead Type

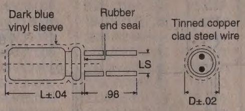
MOUSER STOCK NO.	Value (µF)	Volts	Case D x L (In.)	Price Each 1	100	500	1000	5000
140-NPAL50V1.0	1.0	50	.25 x .48	.33	.24	.19	.14	Call For Quote
140-NPAL50V1.5	1.5	50	.25 x .48	.35	.25	.20	.15	
140-NPAL50V2.2	2.2	50	.25 x .48	.37	.27	.21	.16	
140-NPAL50V3.3	3.3	50	.25 x .48	.39	.29	.22	.17	
140-NPAL50V4.0	4.0	50	.25 x .48	.42	.30	.24	.18	
140-NPAL50V4.7	4.7	50	.25 x .48	.42	.30	.24	.18	
140-NPAL50V6.0	6.0	50	.25 x .48	.47	.42	.27	.20	
140-NPAL50V6.8	6.8	50	.25 x .63	.48	.43	.27	.21	
140-NPAL50V10	10	50	.25 x .63	.53	.38	.30	.23	
140-NPA50V15	15	50	.40 x .95	.62	.46	.35	.27	
140-NPAL50V22	22	50	.32 x .63	.70	.50	.40	.30	
140-NPA50V33	33	50	.40 x 1.15	.82	.61	.47	.36	
140-NPAL50V47	47	50	.40 x .67	.95	.68	.54	.41	
140-NPAL50V50	50	50	.40 x .87	1.16	.83	.66	.50	
140-NPA50V68	68	50	.52 x 1.26	1.09	.81	.62	.48	
140-NPAL50V100	100	50	.40 x .83	1.26	.90	.72	.54	
140-NPAL50V200	200	50	.52 x 1.07	1.62	1.35	1.23	1.12	
140-NPAL50V220	220	50	.52 x 1.07	1.69	1.42	1.29	1.17	
140-NPAL100V1.0	1.0	100	.32 x .63	.41	.29	.23	.18	
140-NPAL100V1.5	1.5	100	.25 x .63	.45	.32	.25	.20	
140-NPAL100V2.2	2.2	100	.25 x .48	.49	.35	.27	.21	
140-NPA100V3.3	3.3	100	.32 x .71	.60	.43	.33	.25	
140-NPAL100V4.0	4.0	100	.32 x .52	.62	.45	.34	.26	
140-NPAL100V4.7	4.7	100	.25 x .63	.64	.46	.35	.27	
140-NPAL100V6.8	6.8	100	.32 x .79	.67	.48	.41	.31	
140-NPAL100V8.0	8.0	100	.32 x .79	.68	.48	.42	.33	
140-NPAL100V10	10	100	.32 x .63	.69	.49	.46	.35	
140-NPA100V15	15	100	.51 x 1.26	.97	.69	.53	.41	
140-NPAL100V22	22	100	.40 x .83	1.13	.81	.62	.48	
140-NPAL100V33	33	100	.40 x .83	1.69	1.22	.93	.72	
140-NPAL100V47	47	100	.40 x 1.20	2.43	1.87	1.44	1.11	Call For Quote
140-NPAL100V50	50	100	.51 x 1.26	3.23	2.50	1.92	1.48	
140-NPAL100V68	68	100	.52 x .96	3.51	2.71	2.08	1.61	
140-NPAL100V100	100	100	.63 x 1.10	3.85	2.96	2.28	1.75	
140-NPAL100V200	200	100	.63 x 2.01	4.79	3.99	3.33	2.77	
140-NPAL100V220	220	100	.63 x 1.46	5.17	4.31	3.59	2.99	

XICON™ AUDIO FREQUENCY BI-POLARS

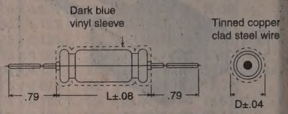
Specifications:

- Operating temperature range: -40°C to +85°C
- Tangent of the loss angle: 0.05 max. (@ 120Hz)
- Capacitance tolerance: ±20%
- Leakage current: 100µA (max.)

Radial



Axial



Radial Lead Type

MOUSER STOCK NO.	Value (µF)	Volts	Case D x L (In.)	LS	Price Each 1	100	500	1000	5000
140-BPRL50V1.0	1.0	50	.32 x .44	.20	.35	.29	.26	.24	Call For Quote
140-BPRL50V2.2	2.2	50	.39 x .51	.20	.52	.44	.40	.36	
140-BPR50V3.3	3.3	50	.40 x .64	.20	.78	.65	.59	.54	
140-BPR50V4.7	4.7	50	.40 x .78	.20	1.09	.91	.83	.75	
140-BPRL50V6.8	6.8	50	.52 x .82	.20	.35	.29	.26	.24	
140-BPR50V10	10	50	.40 x .69	.20	1.92	1.60	1.45	1.32	
140-BPRL50V22	22	50	.40 x 1.04	.20	1.18	.99	.90	.81	
140-BPRL50V50	50	50	.51 x .79	.20	1.02	.73	.58	.44	
140-BPRL50V100	100	50	.63 x 1.06	.30	1.55	1.11	.88	.67	
140-BPRL100V50	50	100	.51 x .79	.20	1.67	1.20	.95	.72	

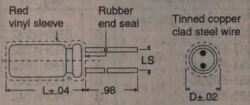
Axial Lead Type

MOUSER STOCK NO.	Value (µF)	Volts	Case D x L (In.)	Price Each 1	100	500	1000	5000
140-BPAL50V2.2	2.2	50	.32 x .76	.54	.36	.33	.30	Call For Quote
140-BPAL50V50	50	50	.51 x 1.26	2.20	1.58	1.25	.95	
140-BPAL100V50	50	100	.51 x 1.61	2.70	1.94	1.54	1.17	

XICON™ HIGH FREQUENCY BI-POLARS

Specifications:

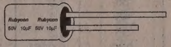
- Operating temperature range: -25°C to +85°C
- Leakage current: I=0.2 CV (µA)
- Capacitance tolerance: ±20%
- Dissipation factor (20°C, 120 Hz): 0.05, 120 Hz



Radial Lead Type (50 Volt)

MOUSER STOCK NO.	Value (µF)	Case D x L (In.)	LS	Ripple (Ip-p) 70°C	85°C	Price Each 1	100	500	1000	5000
140-BPHR50V1.0	1.0	.51 x 1.02	.20	4	3.5	.79	.62	.57	.52	Call For Quote
140-BPHR50V2.2	2.2	.63 x 1.06	.30	6	4	.87	.67	.62	.55	
140-BPHR50V3.3	3.3	.63 x 1.26	.30	6.5	4.5	.99	.77	.69	.63	
140-BPHR50V4.7	4.7	.63 x 1.25	.30	5	7.5	1.05	.82	.74	.67	
140-BPHR50V6.8	6.8	.63 x 1.00	.30	8	5.5	1.13	.87	.79	.72	
140-BPHR50V8.2	8.2	.63 x 1.42	.30	9.0	6.5	1.04	.80	.73	.66	
140-BPHR50V10	10	.63 x 1.42	.30	10	7	1.29	1.08	.99	.89	
140-BPHR50V12	12	.72 x 1.60	.30	7.5	15.75	1.74	1.47	1.34	1.20	
140-BPHR50V15	15	.86 x 1.60	.40	15	12	1.79	1.52	1.39	1.24	
140-BPHR50V22	22	.87 x 1.57	.40	15	12	2.37	2.01	1.83	1.64	

Rubycon BI-POLAR ELECTROLYTICS



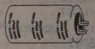
50VDC (63V Surge) Type BW 20% tolerance

MOUSER STOCK NO.	Value (µF)	Case D x L (In.)	LS	Price Each 1	100	500	1000
19NT001	1.0	.25 x .44	.10	.50	.33	.30	Call For Quote
19NT002	2.2	.32 x .44	.14	.53	.35	.32	
19NT005	4.7	.32 x .44	.14	.56	.37	.34	
19NT010	10	.40 x .63	.20	.66	.51	.46	
19NT047	47	.63 x .98	.30	1.62	1.35	1.23	

Specifications:

- Leakage current: I=0.03CV +4µA (max.)
- Dissipation factor: .15 max. @ 1KHz .50 max. @ 10KHz
- Operating temp.: -25°C to +85°C

PHOTO-FLASH TYPE ELECTROLYTICS



Specifications:

- Operating temp.: -20°C to +55°C
- Max. leakage current (µA): I=1XC max.
- Tolerance: -10% to +20%
- Dissipation factor: .07 max.
- Dimensions: .87" x 1.38"

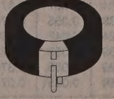
330 VDC (350V Surge)

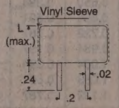
MOUSER STOCK NO.	Value (µF)	Terminal Type	Price Each 1	10	50	100
19FL200	200	Solder	7.25	6.04	5.49	Call
19FL201	200	PCB	7.25	6.04	5.49	

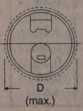
ELNA MEMORY BACK-UP CAPACITORS (5.5V MINIATURE)

Features:

- Small size, large capacitance
- For memory back up in electronic devices
- Minimum self-discharging
- Wide temperature range: -25°C to +70°C
- Capacitance tolerance: -20% to +80%







MOUSER STOCK NO.	Cap. (Farad)	Dimensions (In.) D	L	Price Each 1	100	500	1000
555-47Z5.5	.047	.53	.30	1.60	1.40	1.23	Call For Quote
555-100Z5.5	.1	.53	.30	2.10	1.78	1.47	
555-220Z5.5	.22	.53	.30	2.21	1.87	1.54	
555-470Z5.5	.47	.85	.31	3.70	3.14	2.59	
555-1.0Z5.5	1	.85	.31	4.59	4.05	3.22	

XICON™ Radial Aluminum Electrolytic Capacitors

Specifications:

- Operating temperature range:
  10V to 250V: -40°C to +85°C
  350V to 450V: -25°C to +85°C
- Dissipation factor: (Tan δ, @ 20°C, 120Hz)
  (Tangent of the loss angle): see chart
- Tolerance: ±20%

WVDC	DF (tanδ)	WVDC	DF
10	0.20	100	0.08
16	0.16	160	0.12
25	0.14	250	0.18
35	0.12	350	0.20
50	0.10	450	0.25
63	0.09		

10 VOLT (13 VOLT SURGE)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (In.)	LS	Price Each			
				1	100	500	1000
140-XRL25V1.0	1.0	.20 x .44	.08	.13	.08	.07	.05
140-XRL16V2.2	2.2	.20 x .44	.08	.12	.08	.07	.05
140-XRL16V4.7	4.7	.20 x .44	.08	.12	.08	.07	.05
140-XRL10V10	10	.20 x .44	.08	.13	.09	.08	.06
140-XRL10V47	47	.20 x .44	.08	.14	.12	.11	.09
140-XRL10V100	100	.20 x .44	.08	.16	.14	.12	.11
140-XRL10V220	220	.25 x .44	.10	.20	.17	.14	.12
140-XR10V330	330	.31 x .47	.14	.24	.19	.16	.13
140-XRL10V470	470	.32 x .44	.14	.28	.23	.19	.15
140-XRL10V1000	1000	.40 x .52	.20	.41	.36	.32	.17
140-XRL10V2200	2200	.52 x .83	.20	.54	.41	.37	.35
140-XR10V3300	3300	.51 x 1.06	.20	.75	.62	.56	.40
140-XRL10V4700	4700	.63 x 1.06	.30	1.10	.87	.78	.55
140-XRL10V6800	6800	.63 x 1.42	.30	1.37	1.24	1.12	.74
140-XR10V10000	10000	.87 x 1.61	.39	2.60	1.77	1.59	1.14

16 VOLT (20 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL50V0.22	.22	.20 x .44	.08	.13	.08	.07	.05
140-XRL25V0.47	.47	.20 x .44	.08	.12	.08	.07	.05
140-XRL25V1.0	1.0	.20 x .44	.08	.13	.08	.07	.05
140-XRL16V2.2	2.2	.20 x .44	.08	.12	.08	.07	.05
140-XRL16V3.3	3.3	.20 x .44	.08	.12	.08	.07	.05
140-XRL16V4.7	4.7	.20 x .44	.08	.12	.08	.07	.05
140-XRL16V10	10	.20 x .44	.08	.14	.09	.08	.05
140-XRL16V22	22	.20 x .44	.08	.14	.09	.08	.05
140-XR16V33	33	.20 x .43	.08	.14	.12	.11	.10
140-XRL16V47	47	.20 x .44	.08	.16	.14	.12	.11
140-XRL16V100	100	.25 x .44	.10	.18	.15	.13	.12
140-XRL16V220	220	.32 x .44	.14	.24	.18	.15	.13
140-XRL16V330	330	.32 x .44	.14	.29	.19	.17	.14
140-XRL16V470	470	.40 x .52	.20	.35	.23	.21	.14
140-XRL16V680	680	.40 x .63	.20	.45	.30	.27	.18
140-XRL16V1000	1000	.40 x .63	.20	.51	.34	.31	.20
140-XRL16V1500	1500	.52 x .84	.20	.59	.45	.37	.32
140-XRL16V2200	2200	.51 x .83	.20	.75	.68	.61	.43
140-XRL16V3300	3300	.63 x 1.06	.30	1.38	.95	.86	.60
140-XRL16V4700	4700	.63 x 1.26	.30	1.78	1.24	1.12	.74
140-XRL16V6800	6800	.71 x 1.46	.32	2.66	1.77	1.59	1.23
140-XRL16V10000	10000	.87 x 1.62	.40	2.79	2.29	2.08	1.89

25 VOLT (32 VOLT SURGE)

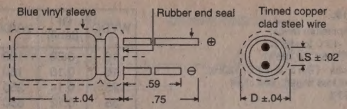
For quantities greater than listed, call for quote.

140-XRL50V0.22	.22	.20 x .44	.08	.13	.08	.07	.05
140-XRL25V0.47	.47	.20 x .44	.08	.12	.08	.07	.05
140-XRL25V1.0	1.0	.20 x .44	.08	.13	.08	.07	.05
140-XRL25V2.2	2.2	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V3.3	3.3	.20 x .44	.08	.13	.09	.08	.05
140-XRL25V4.7	4.7	.20 x .44	.08	.14	.09	.08	.05
140-XRL25V10	10	.20 x .44	.08	.14	.09	.08	.05
140-XRL25V22	22	.20 x .44	.08	.14	.09	.08	.05
140-XRL25V33	33	.20 x .44	.08	.15	.10	.09	.06
140-XRL25V47	47	.20 x .44	.08	.16	.10	.09	.08
140-XRL25V100	100	.25 x .44	.10	.20	.13	.12	.08
140-XRL25V220	220	.32 x .44	.14	.30	.20	.18	.12
140-XRL25V330	330	.39 x .63	.20	.44	.31	.28	.19
140-XRL25V470	470	.40 x .63	.20	.45	.30	.27	.18
140-XRL25V1000	1000	.51 x .83	.20	.86	.56	.50	.38
140-XRL25V2200	2200	.63 x 1.06	.30	1.20	.95	.86	.57
140-XRL25V3300	3300	.63 x 1.26	.30	1.75	1.33	1.20	.90
140-XRL25V4700	4700	.87 x 1.61	.39	1.76	1.56	1.42	1.32
140-XR25V6800	6800	.87 x 1.61	.39	2.70	2.47	2.23	2.03
140-XRL25V10000	10000	.98 x 1.97	.49	3.51	3.19	2.90	2.64

35 VOLT (44 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL50V0.22	.22	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V.47	.47	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V1.0	1.0	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V2.2	2.2	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V3.3	3.3	.20 x .44	.08	.13	.09	.08	.05
140-XRL35V4.7	4.7	.20 x .44	.08	.13	.08	.07	.05
140-XRL35V10	10	.20 x .44	.08	.14	.09	.08	.05
140-XRL35V22	22	.20 x .44	.08	.25	.13	.11	.09
140-XRL35V33	33	.25 x .44	.10	.16	.11	.10	.06
140-XRL35V47	47	.25 x .44	.10	.20	.13	.12	.08
140-XRL35V100	100	.32 x .44	.14	.24	.16	.14	.10
140-XRL35V220	220	.44 x .52	.20	.35	.23	.21	.15
140-XRL35V330	330	.40 x .79	.20	.45	.30	.27	.18
140-XRL35V470	470	.40 x .83	.20	.58	.38	.34	.24
140-XRL35V680	680	.52 x 1.04	.20	.65	.49	.38	.35
140-XRL35V1000	1000	.52 x 1.02	.20	.97	.68	.64	.44
140-XRL35V2200	2200	.63 x 1.26	.30	1.84	1.33	1.20	.89
140-XRL35V3300	3300	.71 x 1.46	.30	2.85	1.89	1.70	1.18
140-XRL35V4700	4700	.71 x 1.46	.40	2.02	1.79	1.61	1.21
140-XRL35V6800	6800	.99 x 1.97	.49	3.35	2.99	2.73	2.54



50 VOLT (63 VOLT SURGE)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (In.)	LS	Price Each			
				1	100	500	1000
140-XRL50V0.22	.22	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V.47	.47	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V1.0	1.0	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V2.2	2.2	.20 x .44	.08	.13	.08	.07	.05
140-XRL50V3.3	3.3	.20 x .44	.08	.13	.09	.08	.05
140-XRL50V4.7	4.7	.20 x .44	.08	.14	.09	.08	.05
140-XRL50V10	10	.20 x .44	.08	.14	.09	.08	.05
140-XRL50V15	15	.20 x .44	.08	.16	.10	.09	.06
140-XRL50V22	22	.25 x .44	.10	.16	.10	.09	.06
140-XRL50V33	33	.25 x .44	.10	.20	.13	.12	.08
140-XRL50V47	47	.32 x .44	.14	.21	.14	.13	.08
140-XRL50V100	100	.32 x .44	.14	.31	.21	.19	.12
140-XRL50V220	220	.40 x .63	.20	.47	.32	.29	.19
140-XRL50V330	330	.51 x .83	.20	.59	.39	.35	.28
140-XRL50V470	470	.51 x .83	.20	.98	.69	.62	.41
140-XRL50V1000	1000	.63 x 1.06	.30	1.31	.98	.88	.72
140-XRL50V2200	2200	.71 x 1.62	.30	2.28	1.83	1.65	1.39
140-XRL50V3300	3300	.87 x 1.62	.40	3.37	2.71	2.44	2.09
140-XRL50V4700	4700	.99 x 1.62	.49	4.17	3.34	3.02	2.54

63 VOLT (79 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL63V1.0	1.0	.20 x .44	.08	.16	.10	.09	.06
140-XRL63V2.2	2.2	.20 x .44	.08	.16	.10	.09	.06
140-XRL63V4.7	4.7	.20 x .44	.08	.16	.10	.09	.06
140-XRL63V6.8	6.8	.20 x .44	.08	.16	.10	.09	.06
140-XRL63V10	10	.20 x .44	.08	.16	.10	.09	.06
140-XRL63V22	22	.25 x .44	.10	.20	.13	.12	.08
140-XRL63V33	33	.31 x .44	.14	.21	.14	.13	.09
140-XRL63V47	47	.31 x .44	.14	.24	.16	.14	.11
140-XRL63V68	68	.40 x .63	.20	.33	.22	.19	.13
140-XRL63V100	100	.40 x .52	.20	.35	.23	.21	.15
140-XRL63V220	220	.40 x .79	.20	.58	.39	.36	.33
140-XR63V470	470	.63 x 1.02	.30	1.32	.87	.78	.52
140-XRL63V1000	1000	.63 x 1.26	.30	1.93	1.33	1.20	.94
140-XRL63V2200	2200	.87 x 1.62	.40	2.79	2.29	2.08	1.69

100 VOLT (125 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL100V0.1	.1	.20 x .44	.08	.12	.08	.07	.05
140XRL100V0.47	.47	.20 x .44	.08	.14	.089	.08	.053
140-XRL100V1.0	1.0	.20 x .44	.08	.14	.089	.08	.053
140-XRL100V2.2	2.2	.20 x .44	.08	.14	.092	.083	.055
140-XRL100V3.3	3.3	.20 x .44	.08	.15	.098	.088	.059
140-XRL100V4.7	4.7	.20 x .44	.08	.16	.10	.09	.062
140-XRL100V10	10	.25 x .44	.08	.21	.14	.13	.081
140-XRL100V22	22	.32 x .44	.14	.26	.18	.16	.11
140-XRL100V33	33	.40 x .71	.20	.33	.22	.19	.13
140-XRL100V47	47	.40 x .63	.20	.40	.26	.23	.19
140-XRL100V100	100	.40 x .79	.20	.93	.62	.56	.37
140-XRL100V220	220	.51 x .83	.20	1.25	.84	.76	.58
140-XR100V330	330	.63 x 1.34	.30	1.52	1.10	.91	.76
140-XRL100V470	470	.71 x 1.46	.30	2.17	1.45	1.31	.89

160 VOLT (200 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL160V1.0	1.0	.24 x .44	.10	.29	.20	.18	.12
140-XRL160V2.2	2.2	.25 x .43	.10	.33	.22	.19	.16
140-XRL160V4.7	4.7	.32 x .51	.14	.45	.30	.27	.25
140-XRL160V10	10	.39 x .63	.20	.61	.38	.36	.33
140-XRL160V22	22	.39 x .75	.20	.82	.54	.49	.32
140-XRL160V33	33	.51 x .83	.20	1.07	.71	.64	.42
140-XRL160V47	47	.51 x 1.03	.20	1.24	.83	.75	.56
140-XRL160V100	100	.63 x 1.07	.30	1.62	1.08	.97	.68
140-XRL160V220	220	.71 x 1.46	.30	3.49	2.33	2.09	1.47
140-XRL160V330	330	.87 x 1.62	.40	4.96	3.31	2.97	2.09

250 VOLT (300 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL250V1.0	1.0	.32 x .52	.14	.40	.25	.23	.20
140-XRL250V2.2	2.2	.32 x .51	.14	.41	.28	.25	.22
140-XRL250V3.3	3.3	.40 x .52	.20	.54	.36	.32	.27
140-XRL250V4.7	4.7	.40 x .63	.20	.56	.38	.34	.30
140-XRL250V10	10	.40 x .79	.20	.75	.49	.44	.34
140-XRL250V22	22	.51 x 1.02	.20	1.09	.74	.67	.61
140-XR250V33	33	.51 x 1.02	.20	1.24	.86	.78	.71
140-XRL250V47	47	.63 x 1.07	.30	1.27	1.06	.96	.87
140-XRL250V100	100	.64 x 1.44	.30	2.76	1.84	1.66	1.36
140-XRL250V220	220	.88 x 1.40	.40	5.11	3.41	3.08	2.52

350 VOLT (400 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL350V1.0	1.0	.32 x .52	.14	.36	.24	.22	.20
140-XRL350V2.2	2.2	.40 x .52	.20	.39	.26	.24	.22
140-XRL350V3.3	3.3	.40 x .64	.20	.57	.38	.34	.31
140-XRL350V4.7	4.7	.40 x .64	.20	.62	.41	.38	.36
140-XRL350V10	10	.40 x .78	.20	.74	.49	.45	.41
140-XRL350V22	22	.52 x 1.00	.20	1.22	.81	.74	.67
140-XRL350V47	47	.72 x 1.48	.30	1.99	1.66	1.51	1.37

450 VOLT (500 VOLT SURGE)

For quantities greater than listed, call for quote.

140-XRL450V2.2	2.2	.40 x .63	.20	.55	.37	.33	.31
140-XRL450V4.7	4.7	.52 x .83	.20	.76	.51	.47	.43
140-XRL450V10	10	.52 x 1.03	.20	1.03	.68	.64	.59
140-XRL450V22	22	.63 x 1.26	.30	1.62	1.08	.98	.89
140-XRL450V100	100	.99 x 1.97	.49	4.92	3.39	3.09	2.81

XICON™ Axial Aluminum Electrolytic Capacitors

Specifications:
- Operating temperature range:
  10V to 250V: -40°C to +85°C
  350V to 450V: -25°C to +85°C
- Dissipation factor: (Tan δ, @ 20°C, 120Hz)
  (Tangent of the loss angle): see chart
- Tolerance: ±20%

WVDC	DF (tanδ)	WVDC	DF
10	0.20	100	0.08
16	0.16	160	0.12
25	0.14	250	0.18
35	0.12	350	0.20
50	0.10	450	0.25
63	0.09		

10 VOLT (13 VOLT SURGE)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	Price Each 1	100	500	1000	5000
140-XAL10V2.2	2.2	.20 x .48	.24	.13	.11	.10	
140-XAL50V4.7	4.7	.20 x .48	.33	.21	.18	.16	
140-XAL16V10	10	.20 x .48	.24	.13	.11	.10	Call
140-XAL16V22	22	.20 x .48	.24	.13	.11	.10	For
140-XAL16V33	33	.20 x .48	.37	.23	.19	.17	Quote
140-XAL16V47	47	.25 x .48	.37	.23	.19	.17	
140-XAL10V100	100	.25 x .48	.37	.23	.19	.17	
140-XA10V330	330	.31 x .63	.39	.24	.21	.19	
140-XAL10V470	470	.32 x .63	.45	.29	.26	.23	
140-XA10V680	680	.39 x .98	.47	.39	.36	.33	
140-XAL10V1000	1000	.39 x .67	.58	.42	.34	.29	
140-XAL10V2200	2200	.51 x .87	.95	.79	.72	.65	
140-XAL10V3300	3300	.51 x 1.06	1.05	.87	.79	.72	Call
140-XA10V4700	4700	.63 x 1.57	1.28	1.07	.96	.89	For
140-XA10V6800	6800	.71 x 1.50	1.97	1.64	1.49	1.35	Quote
140-XAL10V10000	10000	.71x1.65	2.62	2.18	1.98	1.80	

16 VOLT (20 VOLT SURGE)

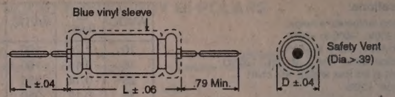
140-XAL50V.47	.47	.20 x .48	.24	.13	.11	.10	
140-XAL50V1.0	1.0	.20 x .48	.27	.16	.13	.11	Call
140-XAL16V2.2	2.2	.20 x .48	.24	.13	.11	.10	For
140-XAL16V3.3	3.3	.20 x .48	.24	.13	.11	.10	Quote
140-XAL50V4.7	4.7	.20 x .48	.33	.21	.18	.16	
140-XAL16V10	10	.20 x .48	.24	.13	.11	.10	
140-XAL16V22	22	.20 x .48	.24	.13	.11	.10	
140-XAL16V33	33	.20 x .48	.37	.23	.19	.17	
140-XAL16V47	47	.25 x .48	.37	.23	.19	.17	
140-XAL16V100	100	.25 x .63	.37	.23	.19	.17	
140-XAL16V220	220	.32 x .63	.39	.24	.21	.19	
140-XAL16V330	330	.32 x .63	.42	.27	.24	.21	
140-XAL16V470	470	.32 x .79	.59	.45	.36	.29	
140-XAL16V1000	1000	.39 x .83	.65	.48	.41	.37	
140-XAL16V2200	2200	.51 x 1.02	1.01	.91	.81	.61	
140-XAL16V3300	3300	.63 x 1.10	1.35	1.22	1.08	.81	Call
140-XAL16V4700	4700	.63 x 1.42	1.89	1.70	1.51	1.13	For
140-XAL16V6800	6800	.71 x 1.50	2.62	2.18	1.98	1.80	Quote
140-XAL16V10000	10000	.87 x 1.69	3.28	2.73	2.48	2.25	

25 VOLT (32 VOLT SURGE)

140-XAL50V.47	.47	.20 x .48	.24	.13	.11	.10	
140-XAL50V1.0	1.0	.20 x .48	.27	.16	.13	.11	Call
140-XAL50V2.2	2.2	.20 x .48	.27	.16	.13	.11	For
140-XAL50V3.3	3.3	.20 x .48	.27	.16	.13	.11	Quote
140-XAL50V4.7	4.7	.20 x .48	.33	.21	.18	.16	
140-XAL25V10	10	.20 x .48	.37	.23	.19	.17	
140-XAL25V22	22	.20 x .48	.37	.23	.19	.17	
140-XAL25V33	33	.25 x .48	.37	.23	.19	.17	
140-XA25V47	47	.32 x .63	.37	.23	.19	.17	
140-XAL25V100	100	.32 x .63	.39	.24	.21	.19	
140-XAL25V220	220	.32 x .63	.57	.42	.33	.29	
140-XAL25V330	330	.40 x .67	.65	.48	.41	.37	
140-XAL25V470	470	.40 x .67	.69	.47	.42	.37	
140-XAL25V1000	1000	.51 x .87	.99	.72	.67	.59	
140-XAL25V2200	2200	.63 x 1.10	1.45	1.21	1.09	.99	
140-XAL25V3300	3300	.63 x 1.30	1.66	1.38	1.25	1.14	Call
140-XAL25V4700	4700	.71 x 1.50	1.97	1.64	1.49	1.35	For
140-XAL25V6800	6800	.87 x 1.70	3.79	3.16	2.87	2.61	Quote
140-XAL25V10000	10000	.99 x 2.05	5.63	4.69	4.26	3.87	

35 VOLT (44 VOLT SURGE)

140-XAL50V.47	.47	.20 x .48	.24	.13	.11	.10	
140-XAL50V1.0	1.0	.20 x .48	.27	.16	.13	.11	Call
140-XAL50V2.2	2.2	.20 x .48	.27	.16	.13	.11	For
140-XAL50V3.3	3.3	.20 x .48	.27	.16	.13	.11	Quote
140-XAL50V4.7	4.7	.20 x .48	.33	.21	.18	.16	
140-XAL35V10	10	.20 x .48	.37	.23	.19	.17	
140-XAL50V22	22	.25 x .48	.37	.23	.19	.17	
140-XAL35V33	33	.25 x .63	.37	.23	.19	.17	
140-XAL35V47	47	.25 x .63	.39	.24	.21	.19	
140-XAL35V100	100	.32 x .63	.41	.25	.21	.20	
140-XAL35V220	220	.40 x .67	.59	.38	.31	.30	
140-XAL35V330	330	.40 x .83	.69	.47	.42	.37	
140-XAL35V470	470	.40 x .83	.87	.65	.60	.55	
140-XAL35V1000	1000	.51 x 1.06	1.24	.94	.87	.77	Call
140-XAL35V2200	2200	.63 x 1.30	1.93	1.74	1.54	1.16	For
140-XAL35V3300	3300	.63 x 1.46	3.38	3.04	2.70	2.03	Quote
140-XAL35V4700	4700	.87 x 1.70	4.46	4.01	3.57	2.68	



50 VOLT (63 VOLT SURGE)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	Price Each 1	100	500	1000	5000
140-XAL50V.47	.47	.20 x .48	.24	.13	.11	.10	
140-XAL50V1.0	1.0	.20 x .48	.27	.16	.13	.11	Call
140-XAL50V2.2	2.2	.20 x .48	.27	.16	.13	.11	For
140-XAL50V3.3	3.3	.20 x .48	.27	.16	.13	.11	Quote
140-XAL50V4.7	4.7	.20 x .48	.33	.21	.18	.16	
140-XA50V6.8	6.8	.24 x .63	.20	.15	.14	.13	
140-XAL50V10	10	.25 x .48	.37	.23	.19	.17	
140-XAL50V15	15	.25 x .48	.25	.19	.17	.15	
140-XAL50V22	22	.25 x .48	.37	.23	.19	.17	
140-XAL50V33	33	.25 x .63	.42	.27	.24	.21	Call
140-XAL50V47	47	.32 x .63	.45	.29	.26	.23	For
140-XAL50V68	68	.32 x .63	.35	.29	.26	.24	Quote
140-XAL50V100	100	.40 x .67	.53	.37	.29	.25	
140-XAL50V220	220	.40 x .83	.62	.45	.36	.31	
140-XA50V330	330	.51 x .83	.69	.47	.42	.37	
140-XAL50V470	470	.52 x .87	.87	.65	.60	.55	
140-XA50V680	680	.63 x 1.10	1.43	1.19	1.08	.98	
140-XAL50V1000	1000	.63 x 1.30	1.23	1.08	.99	.89	Call
140-XAL50V2200	2200	.71 x 1.66	2.99	2.49	2.26	2.05	For
140-XAL50V3300	3300	.87 x 1.69	3.92	3.27	2.97	2.70	Quote
140-XAL50V4700	4700	1.03 x 1.50	5.23	4.36	3.96	3.60	

63 VOLT (79 VOLT SURGE)

140-XAL63V2.2	2.2	.20 x .48	.27	.16	.13	.12	Call
140-XAL63V6.8	6.8	.20 x .48	.37	.23	.19	.17	For
140-XAL63V100	100	.40 x .83	.62	.46	.39	.35	Quote
140-XAL63V220	220	.52 x .87	.89	.57	.52	.47	
140-XAL63V470	470	.51 x 1.06	1.39	1.25	1.12	.84	

100 VOLT (125 VOLT SURGE)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	Price Each 1	100	500	1000	5000
140-XAL100V1.0	1.0	.20 x .48	.45	.30	.27	.25	
140-XAL100V2.2	2.2	.20 x .48	.48	.32	.29	.27	
140-XAL100V3.3	3.3	.25 x .48	.48	.32	.29	.27	
140-XAL100V4.7	4.7	.25 x .48	.51	.34	.31	.28	
140-XAL100V10	10	.25 x .48	.70	.46	.42	.38	Call
140-XAL100V22	22	.32 x .63	.84	.64	.59	.53	For
140-XAL100V33	33	.40 x .68	.91	.70	.64	.58	Quote
140-XAL100V47	47	.40 x .83	1.13	.87	.79	.72	
140-XAL100V100	100	.51 x .87	1.74	1.49	1.32	1.20	
140-XAL100V220	220	.64 x 1.12	1.93	1.62	1.46	1.33	
140-XAL100V470	470	.64 x 1.48	2.05	1.69	1.55	1.41	

160 VOLT (200 VOLT SURGE)

140-XAL160V1.0	1.0	.25 x .48	.47	.31	.29	.26	
140-XAL160V3.3	3.3	.32 x .63	.56	.37	.34	.31	
140-XAL160V10	10	.40 x .67	.71	.54	.49	.45	Call
140-XAL160V22	22	.51 x .87	.88	.68	.62	.56	For
140-XAL160V47	47	.40 x .83	1.34	1.11	1.01	.92	Quote
140-XAL160V100	100	.63 x 1.30	2.10	1.75	1.59	1.45	
140-XAL160V220	220	.71 x 1.65	3.99	3.32	2.99	2.75	

250 VOLT (300 VOLT SURGE)

140-XAL250V1.0	1.0	.25 x .63	.48	.32	.29	.27	
140-XAL250V2.2	2.2	.32 x .63	.54	.36	.33	.30	
140-XAL250V3.3	3.3	.32 x .79	.55	.37	.34	.31	Call
140-XAL250V4.7	4.7	.40 x .67	.65	.44	.39	.36	For
140-XAL250V10	10	.40 x .83	.72	.55	.50	.46	Quote
140-XAL250V22	22	.51 x 1.06	1.09	.84	.77	.70	
140-XAL250V33	33	.63 x 1.11	1.25	1.03	.94	.86	
140-XAL250V47	47	.63 x 1.30	1.48	1.24	1.12	1.03	
140-XAL250V100	100	.71 x 1.70	2.85	2.38	2.16	1.97	

350 VOLT (400 VOLT SURGE)

140-XAL350V4.7	4.7	.40 x .83	.67	.45	.41	.38	Call
140-XAL350V22	22	.52 x 1.07	1.14	.88	.80	.73	For
140-XAL350V33	33	.63 x 1.30	1.41	1.18	1.07	.98	Quote
140-XAL350V100	100	.87 x 1.70	3.75	3.05	2.50	2.04	

450 VOLT (500 VOLT SURGE)

140-XAL450V1.0	1.0	.32 x .63	.57	.38	.35	.32	
140-XAL450V2.2	2.2	.40 x .83	.64	.43	.39	.36	
140-XAL450V3.3	3.3	.40 x .83	.70	.58	.53	.44	Call
140-XAL450V4.7	4.7	.52 x .87	.81	.62	.56	.52	For
140-XAL450V10	10	.52 x 1.07	1.09	.85	.78	.74	Quote
140-XAL450V22	22	.63 x 1.46	1.47	1.22	1.11	1.01	
140-XAL450V33	33	.71 x 1.58	1.91	1.60	1.45	1.32	
140-XAL450V47	47	.72 x 1.60	2.35	1.95	1.78	1.62	

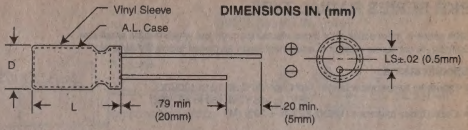
MALLORY | JAMICON Aluminum Electrolytic Capacitors

SKR SERIES RADIAL TYPE

SKR series is more suitable for those electronics products which require small size.
Suitable for consumer electronic equipment, such as stereo radios, TV sets, etc.

NEW IN'95

DIMENSIONS IN. (mm)



Specifications:

- Operating temperature range: -40°C to +85°C @ 10 to 100VDC,
  -25°C to +85°C @ 160 to 450VDC
- Capacitance tolerance (120Hz 25°C): ± 20% (M)

WVDC	10	16	25	35	50	63	100	160	250	350	450
DF (tanδ)	.20	.17	.15	.12	.10	.10	.08	.20	.20	.25	.25

10 Volt (13 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each			
					1	100	500	1000
539-SKR50V0.47	.47	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V1.0	1.0	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V2.2	2.2	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V3.3	3.3	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V4.7	4.7	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR25V10	10	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR25V22	22	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR16V33	33	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR10V47	47	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR10V100	100	5 x 11	.20 x .44	.08	.13	.08	.07	.05
539-SKR10V220	220	6.3 x 11	.25 x .44	.10	.16	.10	.08	.055
539-SKR10V330	330	8 x 11	.31 x .44	.14	.21	.13	.11	.08
539-SKR10V470	470	8 x 11	.31 x .44	.14	.26	.16	.13	.09
539-SKR10V1000	1000	10 x 16	.40 x .63	.20	.45	.28	.20	.13
539-SKR10V2200	2200	13 x 21	.51 x .83	.20	.75	.47	.39	.28
539-SKR10V3300	3300	13 x 21	.51 x .83	.20	.94	.59	.49	.35
539-SKR10V4700	4700	16 x 25	.63 x .98	.30	1.22	.76	.63	.45
539-SKR10V6800	6800	16 x 32	.63 x 1.26	.30	1.76	1.10	.92	.66
539-SKR10V10000	10000	18 x 35	.71 x 1.38	.30	2.43	1.52	1.27	.91

16 Volt (20 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each			
					1	100	500	1000
539-SKR50V0.47	.47	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V1.0	1.0	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V2.2	2.2	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V3.3	3.3	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V4.7	4.7	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR25V10	10	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR25V22	22	5 x 11	.20 x .44	.08	.09	.055	.046	.035
539-SKR16V33	33	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR16V47	47	5 x 11	.20 x .44	.08	.11	.067	.056	.035
539-SKR16V100	100	6.3 x 11	.25 x .44	.10	.13	.08	.07	.05
539-SKR16V220	220	8 x 11	.31 x .44	.14	.21	.13	.11	.055
539-SKR16V330	330	8 x 11	.31 x .44	.14	.26	.16	.13	.08
539-SKR16V470	470	10 x 13	.40 x .51	.20	.29	.18	.15	.09
539-SKR16V1000	1000	10 x 21	.40 x .83	.20	.46	.29	.24	.13
539-SKR16V2200	2200	13 x 21	.51 x .83	.20	.80	.50	.42	.28
539-SKR16V3300	3300	13 x 26	.51 x 1.02	.20	1.07	.67	.56	.35
539-SKR16V4700	4700	16 x 32	.63 x 1.26	.30	1.82	1.14	.95	.45
539-SKR16V6800	6800	18 x 35	.71 x 1.38	.30	2.48	1.55	1.29	.66
539-SKR16V10000	10000	18 x 42	.71 x 1.65	.30	2.90	1.81	1.51	.91

25 Volt (32 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each			
					1	100	500	1000
539-SKR50V0.47	.47	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V1.0	1.0	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V2.2	2.2	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V3.3	3.3	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V4.7	4.7	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR25V10	10	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR25V22	22	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR25V33	33	5 x 11	.20 x .44	.08	.11	.064	.053	.038
539-SKR25V47	47	5 x 11	.20 x .44	.08	.12	.07	.06	.04
539-SKR25V100	100	6.3 x 11	.25 x .44	.10	.19	.12	.10	.07
539-SKR25V220	220	8 x 11	.31 x .44	.14	.21	.13	.11	.08
539-SKR25V330	330	10 x 13	.40 x .51	.20	.35	.22	.18	.13
539-SKR25V470	470	10 x 16	.40 x .63	.20	.35	.22	.18	.13
539-SKR25V1000	1000	13 x 21	.51 x .83	.20	.61	.38	.32	.23
539-SKR25V2200	2200	13 x 26	.51 x 1.02	.20	1.07	.67	.56	.40
539-SKR25V3300	3300	16 x 32	.63 x 1.26	.30	1.58	.99	.83	.59
539-SKR25V4700	4700	18 x 35	.71 x 1.38	.30	2.03	1.27	1.06	.76
539-SKR25V6800	6800	18 x 42	.71 x 1.65	.30	2.90	1.81	1.51	1.08

35 Volt (44 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each			
					1	100	500	1000
539-SKR50V0.47	.47	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V1.0	1.0	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V2.2	2.2	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V3.3	3.3	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V4.7	4.7	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR35V10	10	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR35V22	22	5 x 11	.20 x .44	.08	.11	.064	.053	.038
539-SKR35V33	33	5 x 11	.20 x .44	.08	.12	.07	.06	.04
539-SKR35V47	47	6.3 x 11	.25 x .44	.10	.13	.08	.07	.05
539-SKR35V100	100	8 x 11	.31 x .44	.14	.29	.18	.15	.11
539-SKR35V220	220	10 x 13	.40 x .51	.20	.29	.18	.15	.11
539-SKR35V330	330	10 x 16	.40 x .63	.20	.38	.24	.20	.14
539-SKR35V470	470	10 x 21	.40 x .83	.20	.46	.29	.24	.17
539-SKR35V1000	1000	13 x 21	.51 x .83	.20	.80	.50	.42	.30
539-SKR35V2200	2200	16 x 32	.63 x 1.26	.30	1.58	.99	.83	.59
539-SKR35V3300	3300	18 x 35	.71 x 1.38	.30	2.40	1.50	1.25	.89
539-SKR35V4700	4700	18 x 42	.71 x 1.65	.30	2.77	1.73	1.44	1.03

50 Volt (63 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each			
					1	100	500	1000
539-SKR50V0.47	.47	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V1.0	1.0	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V2.2	2.2	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V3.3	3.3	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V4.7	4.7	5 x 11	.20 x .44	.08	.09	.055	.046	.033
539-SKR50V10	10	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR50V22	22	5 x 11	.20 x .44	.08	.11	.07	.06	.04
539-SKR50V33	33	6.3 x 11	.25 x .44	.10	.13	.08	.07	.05
539-SKR50V47	47	6.3 x 11	.25 x .44	.10	.13	.08	.07	.05
539-SKR50V100	100	8 x 11	.31 x .44	.14	.29	.18	.15	.11
539-SKR50V220	220	10 x 16	.40 x .63	.20	.38	.24	.20	.14
539-SKR50V330	330	10 x 21	.40 x .83	.20	.48	.30	.25	.18
539-SKR50V470	470	13 x 21	.51 x .83	.20	.66	.41	.34	.24
539-SKR50V1000	1000	16 x 25	.63 x .98	.30	1.18	.47	.62	.44
539-SKR50V2200	2200	18 x 35	.71 x 1.38	.30	2.14	1.34	1.12	.80
539-SKR50V3300	3300	18 x 42	.71 x 1.65	.30	3.71	2.32	1.93	1.38

63 Volt (79 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each			
					1	100	500	1000
539-SKR63V1.0	1.0	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR63V2.2	2.2	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR63V3.3	3.3	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR63V4.7	4.7	5 x 11	.20 x .44	.08	.10	.06	.05	.035
539-SKR63V10	10	5 x 11	.20 x .44	.10	.11	.07	.06	.04
539-SKR63V22	22	6.3 x 11	.25 x .44	.10	.13	.08	.07	.05
539-SKR63V33	33	6.3 x 11	.25 x .44	.10	.13	.08	.07	.05
539-SKR63V47	47	8 x 11	.31 x .44	.14	.19	.12	.10	.07
539-SKR63V100	100	10 x 13	.40 x .51	.20	.32	.20	.17	.12
539-SKR63V220	220	10 x 21	.40 x .83	.20	.48	.30	.25	.18
539-SKR63V330	330	13 x 21	.51 x .83	.20	.67	.42	.35	.25
539-SKR63V470	470	13 x 26	.51 x 1.02	.20	.86	.54	.45	.32
539-SKR63V1000	1000	10 x 32	.63 x 1.26	.30	1.58	.99	.83	.59

100 Volt (125 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each			
					1	100	500	1000
539-SKR100V0.47	.47	5 x 11	.20 x .44	.08	.11	.067	.056	.04
539-SKR100V1.0	1.0	5 x 11	.20 x .44	.08	.11	.067	.056	.04
539-SKR100V2.2	2.2	5 x 11	.20 x .44	.08	.11	.067	.056	.04
539-SKR100V3.3	3.3	5 x 11	.20 x .44	.08	.11	.067	.056	.04
539-SKR100V4.7	4.7	5 x 11	.20 x .44	.08	.11	.067	.056	.04
539-SKR100V10	10	6.3 x 11	.25 x .44	.10	.13	.08	.07	.05
539-SKR100V22	22	8 x 11	.31 x .44	.14	.21	.13	.11	.08
539-SKR100V33	33	10 x 13	.40 x .51	.20	.32	.20	.17	.12
539-SKR100V47	47	10 x 16	.40 x .63	.20	.35	.22	.18	.13
539-SKR100V100	100	13 x 21	.51 x .83	.20	.61	.38	.32	.23
539-SKR100V220	220	16 x 25	.63 x .98	.30	1.14	.71	.59	.42
539-SKR100V330	330	16 x 25	.63 x .98	.30	1.54	.96	.80	.57
539-SKR100V470	470	16 x 32	.63 x 1.26	.30	1.66	1.04	.87	.62

MALLORY JAMICON Electrolytic Capacitors

SKR SERIES RADIAL TYPE

SKR series is more suitable for those electronics products which require small size.
Suitable for consumer electronic equipment, such as stereo radios, TV sets, etc.

Specifications:

- Operating temperature range: -40°C to +85°C @ 10 to 100VDC,
  -25°C to +85°C @ 160 to 450VDC
- Capacitance tolerance (120Hz 25°C): ± 20% (M)

WVDC	10	16	25	35	50	63	100	160	250	350	450
DF (tanδ)	.20	.17	.15	.12	.10	.10	.08	.20	.20	.25	.25

160 Volt (200 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each 1	100	500	1000
539-SKR250V1.0	1.0	6.3 x 11	.25 x .44	.10	.21	.13	.11	.075
539-SKR160V2.2	2.2	6.3 x 11	.25 x .44	.10	.21	.13	.11	.075
539-SKR160V3.3	3.3	6.3 x 11	.25 x .44	.10	.22	.14	.12	.08
539-SKR160V4.7	4.7	6.3 x 11	.25 x .44	.10	.22	.14	.12	.08
539-SKR160V10	10	8 x 11	.31 x .44	.14	.38	.24	.20	.13
539-SKR160V22	22	10 x 16	.40 x .63	.20	.61	.38	.32	.21
539-SKR160V33	33	10 x 21	.40 x .83	.20	.75	.47	.39	.26
539-SKR160V47	47	13 x 21	.51 x .83	.20	1.36	.85	.71	.47
539-SKR160V100	100	13 x 26	.51 x 1.02	.20	1.58	.99	.83	.55
539-SKR160V220	220	16 x 35	.63 x 1.38	.30	3.15	1.97	1.64	1.09
539-SKR160V330	330	18 x 42	.71 x 1.65	.30	4.64	2.90	2.42	1.61

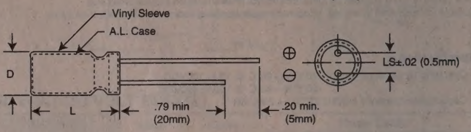
250 Volt (300 Volt Surge)

For quantities greater than listed, call for quote.

539-SKR250V1.0	1.0	6.3 x 11	.25 x .44	.10	.21	.13	.11	.075
539-SKR250V2.2	2.2	6.3 x 11	.25 x .44	.10	.22	.14	.12	.08
539-SKR250V3.3	3.3	8 x 11	.31 x .44	.14	.40	.25	.21	.14
539-SKR250V4.7	4.7	8 x 11	.31 x .44	.14	.40	.25	.21	.14
539-SKR250V10	10	10 x 16	.40 x .63	.20	.58	.36	.30	.20
539-SKR250V22	22	13 x 21	.51 x .83	.20	.75	.47	.39	.26
539-SKR250V33	33	13 x 21	.51 x .83	.20	1.18	.74	.62	.41
539-SKR250V47	47	13 x 26	.51 x 1.02	.20	1.47	.92	.77	.51
539-SKR250V100	100	16 x 32	.63 x 1.26	.30	2.77	1.73	1.44	.96

NEW IN'95

DIMENSIONS IN. (mm)



350 Volt (400 Volt Surge)

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each 1	100	500	1000
539-SKR350V1.0	1.0	6.3 x 11	.25 x .44	.10	.29	.18	.15	.10
539-SKR350V2.2	2.2	6.3 x 11	.25 x .44	.10	.38	.24	.20	.13
539-SKR350V3.3	3.3	8 x 11	.31 x .44	.14	.51	.31	.26	.17
539-SKR350V4.7	4.7	8 x 11	.31 x .44	.14	.56	.35	.29	.19
539-SKR350V10	10	10 x 16	.40 x .63	.20	.85	.53	.44	.29
539-SKR350V22	22	13 x 21	.51 x .83	.20	1.42	.89	.74	.49
539-SKR350V33	33	13 x 21	.51 x .83	.20	1.95	1.22	1.02	.68
539-SKR350V47	47	13 x 26	.51 x 1.02	.20	2.69	1.68	1.40	.93
539-SKR350V100	100	16 x 32	.63 x 1.26	.30	4.84	3.02	2.52	1.68

450 Volt (500 Volt Surge)

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	LS	Price Each 1	100	500	1000
539-SKR450V1.0	1.0	8 x 11	.31 x .44	.14	.32	.22	.18	.12
539-SKR450V2.2	2.2	10 x 13	.40 x .51	.20	.50	.31	.26	.17
539-SKR450V3.3	3.3	10 x 16	.40 x .63	.20	.58	.36	.30	.20
539-SKR450V4.7	4.7	10 x 18	.40 x .71	.20	.74	.46	.38	.25
539-SKR450V10	10	13 x 21	.51 x .83	.20	1.22	.76	.63	.42
539-SKR450V22	22	16 x 25	.63 x .98	.30	2.29	1.43	1.19	.79
539-SKR450V33	33	16 x 32	.63 x 1.26	.30	3.04	1.90	1.58	1.05
539-SKR450V47	47	18 x 35	.71 x 1.38	.30	4.10	2.56	2.13	1.42

TKR SERIES HIGH TEMPERATURE FOR GENERAL USE

TKR series is fit for those consumer products which require to withstand high temperature and high reliability.
Suitable for consumer electronic equipment, telecommunication equipment and general industry products, etc.

Specifications:

- Operating temperature range: -40°C to +105°C @ 10 to 100VDC
- Capacitance tolerance (120Hz 25°C): ± 20% (M)

WVDC	10	16	25	35	50	100
DF (tanδ)	.20	.17	.15	.12	.10	.08

10 Volt (13 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	LS	Price Each 1	100	500	1000
539-TKR100V0.47	0.47	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V1.0	1.0	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V2.2	2.2	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V3.3	3.3	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V4.7	4.7	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V10	10	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR25V22	22	5 x 11	.20 x .44	.08	.14	.09	.07	.05
539-TKR16V33	33	5 x 11	.20 x .44	.08	.14	.09	.07	.05
539-TKR16V47	47	5 x 11	.20 x .44	.08	.14	.09	.07	.05
539-TKR16V100	100	6.3 x 11	.25 x .44	.10	.15	.10	.08	.06
539-TKR16V220	220	8 x 11	.31 x .44	.14	.27	.18	.15	.11
539-TKR16V330	330	8 x 11	.31 x .44	.14	.38	.25	.21	.15
539-TKR16V470	470	10 x 13	.40 x .51	.20	.39	.26	.22	.16
539-TKR16V1000	1000	10 x 21	.40 x .83	.20	.57	.38	.32	.23
539-TKR16V2200	2200	13 x 21	.51 x .83	.20	1.07	.71	.59	.42
539-TKR16V4700	4700	16 x 32	.63 x 1.26	.30	2.32	1.55	1.29	.92

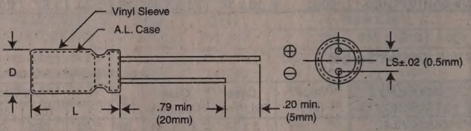
16 Volt (20 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	LS	Price Each 1	100	500	1000
539-TKR100V0.47	0.47	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V1.0	1.0	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V2.2	2.2	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V3.3	3.3	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V4.7	4.7	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V10	10	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR25V22	22	5 x 11	.20 x .44	.08	.14	.09	.07	.05
539-TKR16V33	33	5 x 11	.20 x .44	.08	.14	.09	.07	.05
539-TKR16V47	47	5 x 11	.20 x .44	.08	.14	.09	.07	.05
539-TKR16V100	100	6.3 x 11	.25 x .44	.10	.15	.10	.08	.06
539-TKR16V220	220	8 x 11	.31 x .44	.14	.27	.18	.15	.11
539-TKR16V330	330	8 x 11	.31 x .44	.14	.38	.25	.21	.15
539-TKR16V470	470	10 x 13	.40 x .51	.20	.39	.26	.22	.16
539-TKR16V1000	1000	10 x 21	.40 x .83	.20	.57	.38	.32	.23
539-TKR16V2200	2200	13 x 21	.51 x .83	.20	1.07	.71	.59	.42
539-TKR16V4700	4700	16 x 32	.63 x 1.26	.30	2.32	1.55	1.29	.92

NEW IN'95

DIMENSIONS IN. (mm)



25 Volt (32 Volt Surge)

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	LS	Price Each 1	100	500	1000
539-TKR100V0.47	0.47	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V1.0	1.0	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V2.2	2.2	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V3.3	3.3	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V4.7	4.7	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V10	10	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR25V22	22	5 x 11	.20 x .44	.08	.14	.09	.07	.05
539-TKR25V33	33	5 x 11	.20 x .44	.08	.15	.10	.08	.06
539-TKR25V47	47	5 x 11	.20 x .44	.08	.15	.10	.08	.06
539-TKR25V100	100	6.3 x 11	.25 x .44	.10	.20	.13	.11	.08
539-TKR25V220	220	8 x 11	.31 x .44	.14	.36	.24	.20	.14
539-TKR25V330	330	10 x 13	.39 x .51	.16	.45	.30	.25	.18
539-TKR25V470	470	10 x 16	.40 x .63	.20	.48	.32	.27	.19
539-TKR25V1000	1000	13 x 21	.51 x .83	.20	.89	.59	.49	.38
539-TKR25V2200	2200	13 x 26	.51 x 1.02	.20	1.41	.94	.78	.56

35 Volt (44 Volt Surge)

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	LS	Price Each 1	100	500	1000
539-TKR100V0.47	0.47	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V1.0	1.0	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V2.2	2.2	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V3.3	3.3	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V4.7	4.7	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V10	10	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V22	22	5 x 11	.20 x .44	.08	.15	.10	.08	.06
539-TKR50V33	33	6.3 x 11	.25 x .44	.10	.24	.16	.13	.09
539-TKR50V47	47	6.3 x 11	.25 x .44	.10	.24	.16	.13	.09
539-TKR50V100	100	8 x 11	.25 x .44	.10	.33	.22	.18	.13
539-TKR50V220	220	10 x 16	.40 x .63	.20	.60	.34	.28	.20
539-TKR50V330	330	10 x 21	.40 x .83	.20	.74	.49	.41	.29
539-TKR50V470	470	13 x 21	.51 x .83	.20	.90	.60	.50	.36
539-TKR35V1000	1000	13 x 21	.51 x .83	.20	1.08	.72	.60	.43
539-TKR50V2200	2200	18 x 35	.71 x 1.38	.30	3.02	2.01	1.68	1.20

MALLORY JAMICON Aluminum Electrolytic Capacitors

TKR SERIES HIGH TEMPERATURE FOR GENERAL USE

TKR series is fit for those consumer products which require to withstand high temperature and high reliability. Suitable for consumer electronic equipment, telecommunication equipment and general industry products, etc.

Specifications:

- Operating temperature range: -40°C to +105°C @ 10 to 100VDC
- Capacitance tolerance (120Hz 25°C): ± 20% (M)

WVDC	10	16	25	35	50	100
DF (tanδ)	.20	.17	.15	.12	.10	.08

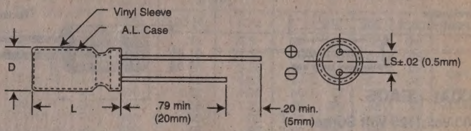
50 Volt (63 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	LS	Price Each 1	100	500	1000
539-TKR100V0.47	0.47	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V1.0	1.0	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V2.2	2.2	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V3.3	3.3	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V4.7	4.7	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V10	10	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR50V22	22	5 x 11	.20 x .44	.08	.15	.10	.08	.06
539-TKR50V33	33	6.3 x 11	.25 x .44	.10	.24	.16	.13	.09
539-TKR50V47	47	6.3 x 11	.25 x .44	.10	.24	.16	.13	.09
539-TKR50V100	100	8 x 11	.31 x .44	.14	.33	.22	.18	.13
539-TKR50V220	220	10 x 16	.40 x .63	.20	.60	.34	.28	.20
539-TKR50V330	330	10 x 21	.40 x .83	.20	.74	.49	.41	.29
539-TKR50V470	470	13 x 21	.51 x .83	.20	.90	.60	.50	.36
53–TKR50V1000	1000	16 x 25	.63 x .98	.30	1.62	1.08	.90	.64
539-TKR50V2200	2200	18 x 35	.71 x 1.38	.30	3.02	2.01	1.68	1.20

NEW IN'95

DIMENSIONS IN. (mm)



100 Volt (125 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	LS	Price Each 1	100	500	1000
539-TKR100V0.47	0.47	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR100V1.0	1.0	5 x 11	.20 x .44	.08	.12	.08	.07	.05
539-TKR100V2.2	2.2	5 x 11	.20 x .44	.08	.15	.10	.08	.06
539-TKR100V3.3	3.3	5 x 11	.20 x .44	.08	.15	.10	.08	.06
539-TKR100V4.7	4.7	5 x 11	.20 x .44	.08	.15	.10	.08	.06
539-TKR100V10	10	6.3 x 11	.25 x .44	.10	.26	.17	.14	.10
539-TKR100V22	22	8 x 11	.31 x .44	.14	.30	.20	.17	.12
539-TKR100V33	33	10 x 13	.40 x .51	.20	.39	.26	.22	.16
539-TKR100V47	47	10 x 116	.40 x .63	.20	.45	.30	.25	.18
539-TKR100V100	100	13 x 21	.51 x .83	.20	.78	.52	.43	.43
539-TKR100V220	220	16 x 25	.63 x .98	.30	1.52	1.01	.84	.60
539-TKR100V330	330	16 x 25	.63 x .98	.30	1.89	1.26	1.05	.75
539-TKR100V470	470	16 x 32	.63 x 1.26	.30	2.26	1.51	1.26	.90

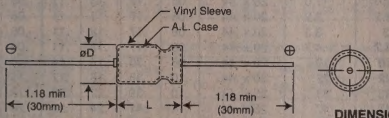
SKA SERIES AXIAL TYPE

SKA series is more suitable for those electronics products which require small size. Suitable for consumer electronic equipment, such as stereo radios, TV sets, etc.

Specifications:

- Operating temperature range: -40°C to +85°C @ 10 to 100VDC, -25°C to +85°C @ 160 to 450VDC
- Capacitance tolerance (120Hz 25°C): ± 20% (M)

WVDC	10	16	25	35	50	100	160	450
DF (tanδ)	.20	.17	.15	.12	.10	.08	.20	.25



NEW IN'95

DIMENSIONS IN. (mm)

0 Volt (13 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	Price Each 1	100	500	1000
539-SKA50V1.0	1.0	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V2.2	2.2	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V3.3	3.3	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V4.7	4.7	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V10	10	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA35V22	22	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA25V33	33	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA16V47	47	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA10V100	100	6.3 x 16	.25 x .63	.26	.20	.17	.12
539-SKA16V220	220	8 x 16	.31 x .63	.33	.25	.21	.15
539-SKA16V330	330	8 x 16	.31 x .63	.33	.25	.21	.15
539-SKA10V470	470	8 x 16	.31 x .63	.36	.25	.21	.15
539-SKA10V1000	1000	10 x 22	.40 x .87	.49	.38	.32	.23
539-SKA10V2200	2200	13 x 27	.51 x 1.06	.86	.66	.55	.39
539-SKA16V3300	3300	13 x 35	.51 x 1.38	1.18	.91	.76	.54

6 Volt (20 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case D x L (mm)	Case D x L (In.)	Price Each 1	100	500	1000
539-SKA50V1.0	1.0	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V2.2	2.2	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V3.3	3.3	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V4.7	4.7	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V10	10	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA35V22	22	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA35V33	33	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA16V47	47	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA16V100	100	6.3 x 16	.25 x .63	.31	.24	.20	.14
539-SKA16V220	220	8 x 16	.31 x .63	.33	.25	.21	.15
539-SKA16V330	330	8 x 16	.31 x .63	.33	.25	.21	.15
539-SKA16V470	470	8 x 21	.31 x .83	.39	.30	.25	.18
539-SKA16V1000	1000	10 x 27	.39 x 1.06	.65	.50	.42	.30
539-SKA16V2200	2200	13 x 32	.51 x 1.26	.94	.72	.60	.43
539-SKA16V3300	3300	13 x 35	.51 x1.38	1.18	.91	.76	.54

25 Volt (32 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	Price Each 1	100	500	1000
539-SKA50V1.0	1.0	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V2.2	2.2	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V3.3	3.3	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V4.7	4.7	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V10	10	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA35V22	22	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA25V33	33	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA25V47	47	6.3 x 13	.25 x .63	.26	.20	.17	.12
539-SKA25V100	100	6.3 x 16	.25 x .63	.31	.24	.20	.14
539-SKA25V220	220	8 x 16	.31 x .63	.33	.25	.21	.15
539-SKA25V330	330	8 x 21	.31 x .83	.39	.30	.25	.18
539-SKA25V470	470	10 x 22	.40 x .87	.48	.37	.31	.22
539-SKA25V1000	1000	13 x 37	.51 x 1.06	.77	.59	.49	.35
539-SKA25V2200	2200	13 x 35	.51 x 1.38	1.16	.89	.74	.53

35 Volt (44 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	Price Each 1	100	500	1000
539-SKA50V1.0	1.0	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V2.2	2.2	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V3.3	3.3	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V4.7	4.7	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA50V10	10	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA35V22	22	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA35V33	33	6.3 x 13	.25 x .51	.26	.20	.17	.12
539-SKA35V47	47	6.3 x 16	.25 x .63	.26	.20	.17	.12
539-SKA35V100	100	8 x 16	.31 x .63	.31	.24	.20	.14
539-SKA35V220	220	8 x 21	.31 x .83	.39	.30	.25	.18
539-SKA35V330	330	10 x 22	.40 x .87	.48	.37	.31	.22
539-SKA35V470	470	10 x 27	.40 x 1.06	.56	.43	.36	.26
539-SKA35V1000	1000	13 x 32	.51 x 1.26	.94	.72	.60	.43

100 Volt (125 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	Price Each 1	100	500	1000
539-SKA100V1.0	1.0	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA100V3.3	3.3	6.3 x 13	.25 x .51	.23	.18	.15	.11
539-SKA100V10	10	6.3 x 16	.25 x .63	.26	.20	.17	.12
539-SKA100V22	22	8 x 16	.31 x .63	.33	.25	.21	.15
539-SKA100V33	33	8 x 21	.31 x .83	.39	.30	.25	.18
539-SKA100V47	47	8 x 21	.31 x .83	.39	.30	.25	.18

160 Volt (200 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	Price Each 1	100	500	1000
539-SKA160V10	10	10 x 22	.40 x .87	.78	.60	.50	.33

450 Volt (500 Volt Surge)

For quantities greater than listed, call for quote.

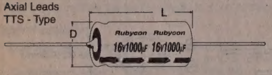
MOUSER STOCK NO.	Value (µF)	Case DxL (mm)	Case DxL (In.)	Price Each 1	100	500	1000
539-SKA450V4.7	4.7	10 x 27	.40 x 1.06	.96	.74	.62	.41
539-SKA450V10	10	13 x 27	.51 x 1.06	3.83	2.95	2.46	1.64

High Voltage and High Temperature Electrolytic Capacitors

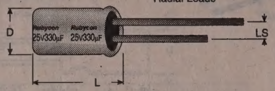
Rubycon HIGH VOLTAGE ELECTROLYTICS

Tolerance Specifications:
- 100V: 20%
- 160V to 450V: 10% to +50%

Axial Leads
TTS - Type



Radial Leads



AXIAL LEADS

100 Volt (125 Volt Surge)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS	Price Each				
				1	100	500	1000	5000
19AX033	33	.39 x 1.24	- -	1.00	.77	.70	.64	Call

160 Volt (200 Volt Surge)

19AS033	33	.51 x 1.24	- -	1.21	.94	.85	.77	Call

RADIAL LEADS

100 Volt (125 Volt Surge)

208-100V4.7	4.7	.20 x .44	.08	.44	.29	.26	.24	Call For Quote
208-100V10	10	.25 x .44	.10	.54	.36	.33	.30	
208-100V22	22	.32 x .45	.14	.69	.45	.41	.37	
208-100V47	47	.40 x .63	.20	.84	.76	.69	.63	
208-100V100	100	.49 x .79	.20	1.27	1.06	.96	.87	
208-100V220	220	.62 x .98	.34	2.42	2.02	1.84	1.67	

RADIAL LEADS

160 Volt (200 Volt Surge)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS	Price Each				
				1	100	500	1000	5000
208-160V1.0	1.0	.25 x .44	.10	.36	.24	.22	.22	Call For Quote
208-160V2.2	2.2	.25 x .44	.10	.44	.29	.26	.24	
208-160V4.7	4.7	.31 x .45	.14	.54	.36	.33	.30	
208-160V10	10	.39 x .49	.20	.66	.44	.40	.36	
208-160V22	22	.40 x .80	.30	1.20	.92	.84	.76	
208-160V47	47	.49 x .98	.20	1.54	1.28	1.16	1.05	
208-160V100	100	.63 x .98	.30	2.09	1.74	1.58	1.44	

250 Volt (300 Volt Surge)

208-250V1.0	1.0	.25 x .44	.10	.50	.33	.30	.27	Call For Quote
208-250V2.2	2.2	.32 x .45	.14	.53	.35	.32	.29	
208-250V3.3	3.3	.39 x .49	.20	.60	.40	.36	.33	
208-250V4.7	4.7	.39 x .49	.20	.72	.48	.44	.44	
208-250V10	10	.39 x .79	.20	.96	.74	.67	.61	
208-250V22	22	.49 x .98	.20	1.21	1.01	.92	.84	
208-250V47	47	.63 x .98	.30	1.87	1.56	1.42	1.29	

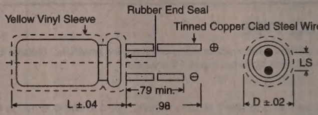
450 Volt (500 Volt Surge)

208-450V1.0	1.0	.39 x .50	.20	.62	.41	.36	.33	Call For Quote
208-450V2.2	2.2	.39 x .63	.20	.75	.58	.53	.48	
208-450V4.7	4.7	.49 x .79	.20	1.12	.86	.78	.71	
208-450V10	10	.49 x .79	.20	1.36	1.13	1.03	.94	

XICON™ 20% HIGH TEMPERATURE ELECTROLYTICS

Electrical Specifications:
- Operating temperature range: -40°C to +105°C
- DC leakage current: I=0.01CV +3µA (max.)

DIMENSIONS (IN.)



10 Volt (13 Volt Surge)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS	Price Each				
				1	100	500	1000	5000
140-HTRL100V.47	.47	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V1.0	1.0	.20 x .44	.08	.17	.13	.11	.06	Call For Quote
140-HTRL50V2.2	2.2	.20 x .44	.08	.17	.13	.11	.06	
140-HTR63V3.3	3.3	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL25V4.7	4.7	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL25V10	10	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL16V22	22	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL25V33	33	.20 x .44	.08	.18	.14	.12	.07	
140-HTRL16V47	47	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL16V100	100	.25 x .44	.10	.22	.17	.14	.12	
140-HTRL16V220	220	.32 x .44	.14	.29	.22	.18	.13	
140-HTRL16V330	330	.32 x .52	.14	.35	.27	.23	.14	Call For Quote
140-HTRL16V470	470	.40 x .52	.20	.42	.32	.26	.15	
140-HTRL16V1000	1000	.40 x .79	.20	.67	.49	.42	.24	
140-HTR16V2200	2200	.63 x 1.10	.30	1.17	.90	.75	.44	

16 Volt (20 Volt Surge)

140-HTRL100V.47	.47	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V1.0	1.0	.20 x .44	.08	.17	.13	.11	.06	Call For Quote
140-HTRL50V2.2	2.2	.20 x .44	.08	.17	.13	.11	.06	
140-HTR63V3.3	3.3	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL25V4.7	4.7	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL25V10	10	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL16V22	22	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL25V33	33	.20 x .44	.08	.18	.14	.12	.07	
140-HTRL16V47	47	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL16V100	100	.25 x .44	.10	.22	.17	.14	.12	
140-HTRL16V220	220	.32 x .44	.14	.29	.22	.18	.13	
140-HTRL16V330	330	.32 x .52	.14	.35	.27	.23	.14	
140-HTRL16V470	470	.40 x .52	.20	.42	.32	.26	.15	
140-HTRL10V680	680	.40 x .64	.20	.65	.43	.39	.36	Call For Quote
140-HTRL16V1000	1000	.40 x .79	.20	.67	.49	.42	.24	
140-HTR16V2200	2200	.63 x 1.10	.30	1.17	.90	.75	.44	
140-HTRL16V4700	4700	.63 x 1.42	.30	2.32	1.79	1.48	.85	

25 Volt (32 Volt Surge)

140-HTRL100V.47	.47	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V1.0	1.0	.20 x .44	.08	.17	.13	.11	.06	Call For Quote
140-HTRL50V2.2	2.2	.20 x .44	.08	.17	.13	.11	.06	
140-HTR63V3.3	3.3	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL25V4.7	4.7	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL25V10	10	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL25V22	22	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL25V33	33	.20 x .44	.08	.18	.14	.12	.07	
140-HTRL25V47	47	.25 x .44	.10	.18	.14	.12	.07	
140-HTRL25V100	100	.25 x .44	.10	.25	.19	.16	.12	
140-HTRL25V220	220	.32 x .52	.14	.38	.29	.25	.14	
140-HTRL25V330	330	.40 x .52	.20	.49	.38	.32	.18	Call For Quote
140-HTRL25V470	470	.40 x .79	.20	.55	.42	.35	.20	
140-HTRL25V1000	1000	.51 x .83	.20	.99	.76	.65	.37	
140-HTRL25V2200	2200	.63 x 1.06	.30	1.53	1.18	.99	.63	

35 Volt (44 Volt Surge)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS	Price Each				
				1	100	500	1000	5000
140-HTRL100V.47	.47	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V1.0	1.0	.20 x .44	.08	.17	.13	.11	.06	Call For Quote
140-HTRL50V2.2	2.2	.20 x .44	.08	.17	.13	.11	.06	
140-HTR63V3.3	3.3	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V4.7	4.7	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL35V10	10	.20 x .44	.08	.30	.15	.14	.13	
140-HTRL35V22	22	.20 x .44	.10	.36	.18	.17	.15	
140-HTRL35V33	33	.25 x .44	.10	.39	.22	.20	.19	
140-HTRL35V47	47	.25 x .44	.14	.41	.24	.22	.20	
140-HTRL35V100	100	.32 x .44	.14	.42	.25	.20	.21	
140-HTRL35V220	220	.40 x .48	.20	.59	.45	.37	.35	Call For Quote
140-HTRL35V330	330	.40 x .80	.20	.81	.62	.56	.51	
140-HTRL35V470	470	.40 x .63	.20	1.03	.79	.71	.65	
140-HTRL35V1000	1000	.52 x 1.03	.20	1.10	.92	.84	.76	

50 Volt (63 Volt Surge)

140-HTRL100V.47	.47	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V1.0	1.0	.20 x .44	.08	.17	.13	.11	.06	Call For Quote
140-HTRL50V2.2	2.2	.20 x .44	.08	.17	.13	.11	.06	
140-HTR63V3.3	3.3	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V4.7	4.7	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL50V10	10	.20 x .44	.08	.18	.14	.12	.07	
140-HTRL50V22	22	.25 x .44	.10	.18	.14	.12	.07	
140-HTRL50V33	33	.25 x .44	.10	.22	.17	.14	.08	
140-HTRL50V47	47	.32 x .44	.14	.27	.21	.18	.10	
140-HTRL50V100	100	.32 x .52	.14	.33	.25	.21	.14	
140-HTRL50V150	150	.40 x .80	.20	.59	.45	.37	.35	
140-HTRL50V220	220	.40 x .79	.20	.57	.44	.37	.21	
140-HTR50V330	330	.52 x .83	.20	.83	.64	.56	.32	Call For Quote
140-HTRL50V470	470	.52 x 1.02	.20	1.09	.85	.75	.43	
140-HTRL50V1000	1000	.63 x 1.26	.30	1.68	1.29	1.09	.83	
140-HTRL50V2200	2200	.71 x 1.62	.30	2.94	2.49	2.08	1.39	

63 Volt (79 Volt Surge)

140-HTRL100V.47	.47	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL100V1.0	1.0	.20 x .44	.08	.18	.14	.12	.07	Call For Quote
140-HTRL63V2.2	2.2	.20 x .44	.08	.17	.13	.11	.06	
140-HTR63V3.3	3.3	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL63V4.7	4.7	.20 x .44	.08	.18	.14	.12	.07	
140-HTRL63V100	100	.40 x .50	.20	.59	.45	.37	.21	

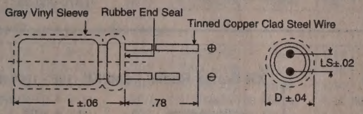
100 Volt (125 Volt Surge)

140-HTRL100V.47	.47	.20 x .44	.08	.17	.13	.11	.06	
140-HTRL100V1.0	1.0	.20 x .44	.08	.18	.14	.12	.07	
140-HTRL100V4.7	4.7	.25 x .44	.10	.25	.19	.16	.09	
140-HTRL100V10	10	.32 x .44	.14	.41	.24	.22	.20	Call For Quot
140-HTRL100V22	22	.32 x .44	.14	.46	.29	.25	.23	
140-HTRL100V47	47	.40 x .69	.20	.47	.31	.28	.25	
140-HTRL100V100	100	.52 x .83	.20	.54	.35	.32	.28	
140-HTRL100V470	470	.71 x 1.46	.30	2.26	1.79	1.53	.99	
140-HTRL100V680	680	.72 x 1.48	.30	2.61	2.07	1.75	1.15	

High Performance Aluminum Electrolytic Capacitors

XICON™ LOW ESR ELECTROLYTIC CAPACITORS

Xicon low ESR capacitors meet today's high performance requirements. Use these low impedance, ow resistance capacitors in circuits requiring high temperatures and large ripple currents. They are especially suitable to power circuit design such as switching power supplies



Electrical Specifications:

- Tolerance: ±20% (@20°C, 120Hz)
- Operating temperature: -40°C to +105°C
- Leakage current: I=0.002C or 0.4µA whichever is greater
- Dissipation factor (tanδ) 0.06 (50 volt rating)

50 Volt (63 Volt Surge)

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS (In.)	Ripple Current (mA)	ESR (max. Ω) @20°C		Price Each				
					120 Hz	1 KHz	1	100	500	1000	5000
140-ESR50V1.0	1.0	.32 x .46	.14	48	79	55.3	.59	.42	.32	.26	Call For Quote
140-ESR50V2.2	2.2	.32 x .46	.14	105	36.18	24.10	.59	.42	.32	.26	
140-ESR50V4.7	4.7	.32 x .46	.14	240	16.93	9.22	.59	.42	.32	.26	
140-ESR50V10	10	.32 x .46	.14	165	9.28	4.62	.64	.46	.35	.28	
140-ESR50V22	22	.40 x .63	.20	240	4.82	1.95	.66	.47	.36	.29	
140-ESR50V47	47	.40 x .79	.20	315	2.25	1.20	.83	.59	.45	.39	
140-ESR50V100	100	.63 x 1.06	.20	460	1.06	.58	1.29	.92	.71	.57	
140-ESR50V220	220	.51 x 1.61	.20	850	.48	.23	1.79	1.29	.99	.79	

63 Volt (79 Volt Surge)

140-ESR63V10	10	.32 x .46	.14	165	9.28	4.62	.69	.51	.39	.31	Call

100 Volt (125 Volt Surge)

140-ESR100V1.0	1.0	.32 x .46	.14	48	79	55.3	.65	.46	.35	.29	Call For Quote
140-ESR100V2.2	2.2	.32 x .46	.14	105	36.18	24.10	.65	.46	.35	.29	
140-ESR100V4.7	4.7	.40 x .63	.20	240	16.93	9.22	.65	.46	.35	.29	

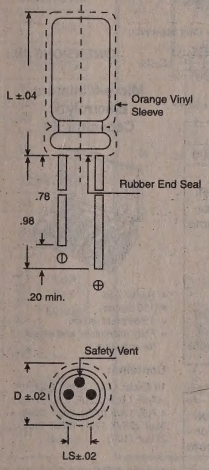
XICON™ 20% LOW LEAKAGE CURRENT ELECTROLYTICS

ndustry Cross Reference:

Xicon LLR (LLRL)	Sprague 513D	Panasonic Z series	Mallory VTL

Electrical Specifications:

- DC leakage current: I=0.002CV or 0.4µA whichever is greater
- Operating temperature range: -40°C to +85°C



0 Volt (13 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS (In.)	Price Each			
				1	100	500	1000
140-LLRL50V0.47	0.47	.20 x .44	.08	.23	.14	.10	.08
140-LLRL50V1.0	1.0	.20 x .44	.08	.23	.14	.10	.08
140-LLR50V2.2	2.2	.20 x .47	.08	.23	.14	.10	.08
140-LLRL50V3.3	3.3	.20 x .44	.08	.23	.14	.10	.08
140-LLRL35V4.7	4.7	.20 x .44	.08	.23	.14	.10	.08
140-LLRL16V10	10	.20 x .44	.08	.23	.14	.10	.08
140-LLRL10V47	47	.20 x .44	.08	.27	.16	.12	.09
140-LLRL10V100	100	.25 x .44	.10	.29	.17	.13	.10
140-LLRL10V220	220	.32 x .44	.14	.39	.23	.18	.14
140-LLR10V330	330	.39 x .79	.20	.44	.27	.21	.16
140-LLRL10V470	470	.39 x .51	.20	.57	.38	.29	.22
140-LLRL10V1000	1000	.40 x .79	.20	.63	.42	.35	.29
140-LLRL10V2200	2200	.63 x 1.26	.30	1.08	.77	.64	.53
140-LLRL10V3300	3300	.63 x 1.42	.30	1.39	.99	.92	.84
140-LLRL10V4700	4700	.63 x 1.07	.30	1.82	1.52	1.38	1.25

6 Volt (20 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS (In.)	Price Each			
				1	100	500	1000
140-LLRL50V3.3	3.3	.20 x .44	.08	.23	.14	.10	.08
140-LLRL35V4.7	4.7	.20 x .44	.08	.23	.14	.10	.08
140-LLRL16V10	10	.20 x .44	.08	.23	.14	.10	.08
140-LLRL16V22	22	.20 x .44	.08	.23	.14	.10	.08
140-LLRL16V33	33	.20 x .44	.08	.23	.14	.10	.08
140-LLRL16V47	47	.20 x .44	.08	.26	.15	.12	.09
140-LLRL16V100	100	.25 x .44	.10	.32	.19	.14	.11
140-LLR16V220	220	.39 x .79	.20	.52	.30	.23	.18
140-LLR16V330	330	.51 x .79	.20	.58	.34	.28	.22
140-LLRL16V470	470	.40 x .63	.20	.62	.39	.31	.24
140-LLRL16V1000	1000	.51 x .83	.20	.99	.67	.56	.47
140-LLRL16V2200	2200	.63 x 1.06	.30	1.65	1.19	.95	.86
140-LLR16V3300	3300	.63 x .98	.30	1.74	1.45	1.32	1.20

25 Volt (32 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS (In.)	Price Each			
				1	100	500	1000
140-LLRL50V1.0	1.0	.20 x .44	.08	.23	.14	.10	.08
140-LLR50V2.2	2.2	.20 x .47	.08	.23	.14	.10	.08
140-LLRL50V3.3	3.3	.20 x .44	.08	.23	.14	.10	.08
140-LLRL35V4.7	4.7	.20 x .44	.08	.23	.14	.10	.08
140-LLRL35V10	10	.20 x .44	.08	.23	.14	.10	.08
140-LLR35V22	22	.31 x .47	.14	.26	.15	.12	.09
140-LLRL35V33	33	.25 x .44	.10	.29	.17	.13	.10
140-LLRL25V100	100	.32 x .44	.14	.35	.21	.16	.12
140-LLR25V220	220	.51 x .79	.20	.69	.41	.31	.24
140-LLRL25V330	330	.40 x .79	.20	.75	.44	.34	.26
140-LLRL25V470	470	.40 x .79	.20	1.09	.77	.64	.53
140-LLR25V1000	1000	.63 x 1.42	.30	1.32	.94	.78	.65
140-LLRL25V2200	2200	.63 x 1.26	.30	1.67	1.37	1.27	1.15

35 Volt (44 Volt Surge)

For quantities greater than listed, call for quote.

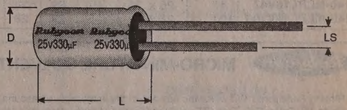
140-LLRL50V3.3	3.3	.20 x .44	.08	.23	.14	.10	.08
140-LLRL35V4.7	4.7	.20 x .47	.08	.23	.14	.10	.08
140-LLRL35V10	10	.20 x .44	.08	.23	.14	.10	.08
140-LLR35V22	22	.31 x .47	.14	.26	.15	.12	.09
140-LLRL35V33	33	.25 x .44	.10	.29	.17	.13	.10
140-LLRL35V47	47	.31 x .44	.14	.41	.24	.18	.14
140-LLRL35V100	100	.31 x .51	.14	.66	.39	.28	.22
140-LLRL35V220	220	.39 x .63	.20	.77	.45	.35	.27
140-LLR35V330	330	.63 x .98	.30	.85	.61	.55	.50
140-LLRL35V470	470	.52 x .84	.30	.94	.67	.61	.55
140-LLRL35V1000	1000	.63 x 1.07	.30	1.42	1.09	.99	.92
140-LLRL35V2200	2200	.71 x 1.46	.30	1.94	1.49	1.35	1.23

50 Volt (63 Volt Surge)

For quantities greater than listed, call for quote.

140-LLRL50V0.47	0.47	.20 x .44	.08	.23	.14	.10	.08
140-LLRL50V1.0	1.0	.20 x .44	.08	.23	.14	.10	.08
140-LLR50V2.2	2.2	.20 x .47	.08	.23	.14	.10	.08
140-LLRL50V3.3	3.3	.20 x .44	.08	.23	.14	.10	.08
140-LLRL50V4.7	4.7	.20 x .44	.08	.23	.14	.10	.08
140-LLRL50V10	10	.25 x .44	.10	.26	.15	.12	.09
140-LLRL50V22	22	.25 x .44	.10	.39	.23	.18	.14
140-LLRL50V33	33	.31 x .44	.14	.45	.27	.21	.16
140-LLRL50V47	47	.31 x .51	.14	.49	.29	.23	.18
140-LLRL50V100	100	.40 x .63	.20	.64	.36	.33	.30
140-LLRL50V220	220	.51 x .83	.20	.72	.53	.48	.44
140-LLRL50V330	330	.51 x 1.02	.20	.79	.66	.60	.54
140-LLR50V470	470	.63 x 1.06	.30	1.03	.86	.78	.71
140-LLRL50V1000	1000	.63 x 1.42	.30	1.60	1.34	1.21	1.10

Rubycon RADIAL LEADS TWSS TYPE



Rated Voltage	10	16	25	35	50
DF%	19	16	14	12	10

0 Volt (13 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS (In.)	Price Each			
				1	100	500	1000
208-50V1.0	1.0	.20 x .44	.08	.29	.19	.17	.15
208-50V4.7	4.7	.20 x .44	.08	.29	.19	.17	.15
208-50V10	10	.20 x .44	.08	.35	.23	.21	.19
208-16V47	47	.20 x .44	.08	.36	.24	.22	.20
208-10V100	100	.20 x .44	.08	.36	.24	.22	.20
208-10V220	220	.31 x .44	.10	.47	.31	.28	.25
208-10V470	470	.32 x .49	.14	.65	.50	.45	.41
208-10V1000	1000	.39 x .59	.20	.81	.62	.56	.51
208-10V2200	2200	.63 x .98	.20	1.21	1.01	.92	.84
208-10V3300	3300	.50 x .99	.20	1.54	1.28	1.16	1.05
208-10V4700	4700	.63 x .99	.30	1.93	1.61	1.46	1.33
208-10V6800	6800	.64 x 1.21	.30	2.57	2.34	2.13	1.94

6 Volt (20 Volt Surge)

For quantities greater than listed, call for quote.

208-50V1.0	1.0	.20 x .44	.08	.29	.19	.17	.15
208-50V4.7	4.7	.20 x .44	.08	.29	.19	.17	.15
208-50V10	10	.20 x .44	.08	.35	.23	.21	.19
208-16V47	47	.20 x .44	.08	.36	.24	.22	.20
208-16V100	100	.31 x .44	.10	.42	.28	.25	.23
208-16V220	220	.32 x .44	.14	.51	.34	.31	.28
208-16V330	330	.39 x .63	.14	.65	.43	.39	.35
208-16V470	470	.39 x .50	.20	.68	.52	.47	.43
208-16V1000	1000	.40 x .79	.20	1.09	.84	.76	.69
208-16V2200	2200	.49 x .98	.20	1.60	1.33	1.21	1.10
208-16V3300	3300	.63 x 1.24	.30	2.08	1.73	1.57	1.43
208-16V4700	4700	.64 x 1.24	.30	2.71	2.26	2.05	1.86

25 Volt (32 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS (In.)	Price Each			
				1	100	500	1000
208-50V1.0	1.0	.20 x .44	.08	.29	.19	.17	.15
208-50V4.7	4.7	.20 x .44	.08	.29	.19	.17	.15
208-50V10	10	.20 x .44	.08	.35	.23	.21	.19
208-25V33	33	.20 x .44	.08	.36	.24	.22	.20
208-25V47	47	.25 x .44	.08	.39	.26	.24	.22
208-25V100	100	.25 x .44	.10	.47	.31	.28	.25
208-25V220	220	.32 x .49	.14	.72	.48	.44	.40
208-25V330	330	.39 x .49	.20	.72	.55	.50	.45
208-25V470	470	.39 x .59	.20	.98	.76	.69	.63
208-25V1000	1000	.49 x .79	.20	1.32	1.10	1.00	.91
208-25V2200	2200	.63 x .98	.30	2.27	1.89	1.72	1.56

35 Volt (44 Volt Surge)

For quantities greater than listed, call for quote.

208-50V1.0	1.0	.20 x .44	.08	.29	.19	.17	.15
208-50V4.7	4.7	.20 x .44	.08	.29	.19	.17	.15
208-50V10	10	.20 x .44	.08	.35	.23	.21	.19
208-35V33	33	.20 x .44	.08	.39	.26	.24	.22
208-35V47	47	.25 x .44	.10	.42	.28	.25	.23
208-35V100	100	.39 x .49	.14	.54	.36	.33	.30
208-35V220	220	.39 x .49	.20	.72	.55	.50	.45
208-35V330	330	.39 x .59	.20	1.03	.79	.72	.65
208-35V470	470	.40 x .82	.20	1.13	.87	.79	.72
208-35V1000	1000	.50 x .99	.20	1.60	1.33	1.21	1.10
208-35V2200	2200	.64 x 1.22	.30	3.43	2.82	2.56	2.33

50 Volt (63 Volt Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case DxL (in.)	LS (In.)	Price Each			
				1	100	500	1000
208-50V0.47	.47	.20 x .44	.08	.29	.19	.17	.15
208-50V1.0	1.0	.20 x .44	.08	.29	.19	.17	.15
208-50V2.2	2.2	.20 x .44	.08	.29	.19	.17	.15
208-50V3.3	3.3	.20 x .44	.08	.29	.19	.17	.15
208-50V4.7	4.7	.20 x .44	.08	.29	.19	.17	.15
208-50V10	10	.20 x .44	.08	.35	.23	.21	.19
208-50V22	22	.20 x .44	.08	.42	.28	.25	.23
208-50V33	33	.24 x .44	.10	.53	.35	.32	.29
208-50V47	47	.25 x .44	.10	.54	.36	.33	.30
208-50V100	100	.32 x .49	.14	.72	.48	.44	.40
208-50V220	220	.39 x .79	.20	.98	.75	.68	.62
208-50V330	330	.49 x .79	.20	1.27	1.06	.96	.87
208-50V470	470	.49 x .79	.20	1.48	1.23	1.12	1.02
208-50V1000	1000	.63 x .99	.30	2.38	1.98	1.80	1.64

Micro-Miniature Aluminum Electrolytic Capacitors and Kits

Rubycon MINIATURE ELECTROLYTIC CAPACITOR KIT

- 85 pieces
- 12 different values
- 1.0µF - 100µF
- ±20%
- -40°C to +85°C

25V330µF
25V330µF

Contains:

@25VDC 5 Each: 100, 220, 470, 1000µF
@35VDC 5 Each: 33, 47 µF
@50VDC 5 Each: 22µF
10 Each: 1.0, 2.2, 3.3, 4.7, 10µF

MOUSER STOCK NO.	Price Each
370-208-25	33.95

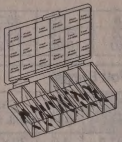
XICON™ MINIATURE ALUMINUM ELECTROLYTIC CAPACITOR KITS

XA Series Axial Lead Kit (.47µF - 1000µF)

- 80 pieces
- 14 different values
- Fully assembled and keyed for easy use
- .47µF - 1000µF
- ±20%
- 25VDC - 50VDC
- -40°C to +85°C

Contains:

10 Each: .47µF, 1.0µF (50V)
5 Each: 2.2µF, 3.3µF, 4.7µF, 10µF, 22µF, 220µF, (50VDC), 33µF, 470µF, (35VDC), 47µF, 100µF, 330µF, 1000µF (25VDC)



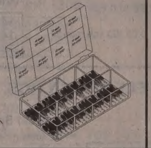
MOUSER STOCK NO.	Price Each
370-140XAL-1	29.95

XA Series Axial Lead Kit (220µF - 4700µF)

- 25 pieces
- 8 different values
- Fully assembled and keyed for easy use
- 220µF - 4700µF
- ±20%
- 25VDC - 50VDC
- -40°C to +85°C

Contains:

5 Each: 220µF, (50V), 330µF (25VDC)
3 Each: 470µF (35VDC), 1000µF (25VDC), 1000µF (50VDC)
2 Each: 220µF, 330µF, 4700µF (35VDC)



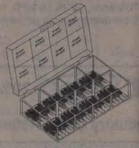
MOUSER STOCK NO.	Price Each
370-140XAL-2	29.95

XR Series Radial Lead Kit (1µF - 1000µF)

- 80 pieces
- 10 different values
- Fully assembled and keyed for easy use
- 1µF - 1000µF
- ±20%
- 25VDC - 50VDC
- -40°C to +85°C

Contains:

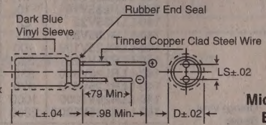
10 Each: 1µF, 2.2µF, 4.7µF, 22µF (50V)
10 Each: 10µF, 47µF (35V)
5 Each: 100µF, 470µF, 1000µF (25V), 220µF (35V)



MOUSER STOCK NO.	Price Each
370-140XR-1	29.95

XICON™ MICRO-MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

- Meets tight board space requirements
- Capacitance tolerance: ±20%
- Operating temperature range: -40°C to +85°C
- DC leakage current: (after 3 minutes application of DC working voltage at 25°C) I = 0.02CV +3µA max



DIMENSIONS (IN.)

10 Volt (13V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS (In.)	Price Each 1	100	500	1000	5000
140-MLRL50V.1	.1	.16 x .28	.06	.30	.15	.13	.12	Call For Quote
140-MLRL50V.22	.22	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.33	.33	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.47	.47	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V1.0	1.0	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V2.2	2.2	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V3.3	3.3	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL35V4.7	4.7	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL16V10	10	.16 x .28	.06	.39	.20	.18	.16	Call For Quote
140-MLRL10V22	22	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL10V33	33	.20 x .28	.08	.30	.15	.13	.12	
140-MLRL10V47	47	.20 x .28	.08	.39	.20	.18	.16	
140-MLRL10V100	100	.24 x .28	.10	.39	.20	.18	.16	
140-MLRL10V220	220	.32 x .35	.14	.39	.20	.18	.16	

16 Volt (20V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS (In.)	Price Each 1	100	500	1000	5000
140-MLRL50V.1	.1	.16 x .28	.06	.30	.15	.13	.12	Call For Quote
140-MLRL50V.22	.22	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.33	.33	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.47	.47	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V1.0	1.0	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V2.2	2.2	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V3.3	3.3	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL35V4.7	4.7	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL16V10	10	.16 x .28	.06	.39	.20	.18	.16	Call For Quote
140-MLRL16V22	22	.16 x .28	.06	.39	.20	.18	.16	
140-MLRL16V33	33	.20 x .28	.08	.39	.20	.18	.16	
140-MLRL16V47	47	.25 x .28	.10	.39	.20	.18	.16	
140-MLRL16V100	100	.25 x .28	.10	.39	.20	.18	.16	

Micro-Miniature Electrolytic Capacitor Kit

- Radial lead
- 150 pieces
- 15 different values
- Fully assembled and keyed for easy use

Contains:

10 Each: .1µF, .22µF, .33µF, .47µF, 1.0µF, 2.2µF, 3.3µF, 4.7µF, 10µF (50V), 22µF (35V), 33µF (25V), 47µF, 100µF (16V), 220µF (10V)

- .1µF - 220µF
- ±20%
- -40°C to +85°C

MOUSER STOCK NO.	Price Each
370-140MLR-1	49.95

25 Volt (32V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS (In.)	Price Each 1	100	500	1000	500
140-MLRL50V.1	.1	.16 x .28	.06	.30	.15	.13	.12	Cal For Quo
140-MLRL50V.22	.22	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.33	.33	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.47	.47	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V1.0	1.0	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V2.2	2.2	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V3.3	3.3	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL35V4.7	4.7	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL35V10	10	.20 x .28	.08	.32	.16	.14	.13	
140-MLRL35V22	22	.25 x .28	.10	.35	.18	.16	.15	
140-MLRL25V33	33	.25 x .28	.10	.35	.18	.16	.15	

35 Volt (44V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS (In.)	Price Each 1	100	500	1000	500
140-MLRL50V.1	.1	.16 x .28	.06	.30	.15	.13	.12	Cal For Quo
140-MLRL50V.22	.22	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.33	.33	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.47	.47	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V1.0	1.0	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V2.2	2.2	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V3.3	3.3	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL35V4.7	4.7	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL35V10	10	.20 x .28	.08	.32	.16	.14	.13	
140-MLRL35V22	22	.25 x .28	.10	.35	.18	.16	.15	

50 Volt (63V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS (In.)	Price Each 1	100	500	1000	500
140-MLRL50V.1	.1	.16 x .28	.06	.30	.15	.13	.12	Cal For Quo
140-MLRL50V.22	.22	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.33	.33	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V.47	.47	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V1.0	1.0	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V2.2	2.2	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V3.3	3.3	.16 x .28	.06	.30	.15	.13	.12	
140-MLRL50V4.7	4.7	.20 x .28	.08	.32	.16	.14	.13	
140-MLRL50V10	10	.25 x .28	.10	.35	.18	.16	.15	

Rubycon MICRO-MINIATURE SOLVENT-PROOF CAPACITORS

- Rinsing Conditions: Will withstand any one of the immersion, ultrasound, and vapor processes employing Freon TE, Freon TES, Freon TF, or a combination of these processes totaling two minutes or less in duration
- Operating temperature range: -40°C to +85°C

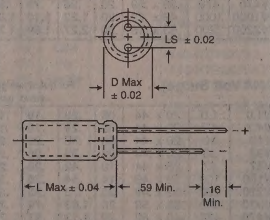
6.3 Volt (8V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each 1	100	500
202-50V1.0	1.0	.16 x .28	.06	.35	.23	.21
202-50V2.2	2.2	.16 x .28	.06	.35	.23	.21
202-25V4.7	4.7	.16 x .28	.06	.35	.23	.21
202-16V10	10	.16 x .28	.06	.35	.23	.21
202-16V22	22	.20 x .28	.08	.35	.23	.21
202-35V33	33	.25 x .28	.10	.47	.31	.28
202-6.3V47	47	.20 x .28	.08	.47	.31	.28
202-6.3V100	100	.25 x .28	.10	.47	.31	.28

10 Volt (13V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each 1	100	500
202-50V1.0	1.0	.16 x .28	.06	.35	.23	.21
202-50V2.2	2.2	.16 x .28	.06	.35	.23	.21
202-25V4.7	4.7	.16 x .28	.06	.35	.23	.21
202-16V10	10	.16 x .28	.06	.35	.23	.21
202-16V22	22	.20 x .28	.08	.35	.23	.21
202-35V33	33	.25 x .28	.10	.47	.31	.28
202-16V47	47	.25 x .28	.10	.47	.31	.28

MS7 Series



DIMENSIONS (IN.)

16 Volt (20V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each 1	100	50
202-50V1.0	1.0	.16 x .28	.06	.35	.23	.2
202-50V2.2	2.2	.16 x .28	.06	.35	.23	.2
202-25V4.7	4.7	.16 x .28	.06	.35	.23	.2
202-16V10	10	.16 x .28	.06	.35	.23	.2
202-16V22	22	.20 x .28	.08	.35	.23	.2
202-35V33	33	.25 x .28	.10	.47	.31	.2
202-16V47	47	.25 x .28	.10	.47	.31	.2

25 Volt (32V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each 1	100	50
202-50V1.0	1.0	.16 x .28	.06	.35	.23	.2
202-50V2.2	2.2	.16 x .28	.06	.35	.23	.2
202-25V4.7	4.7	.16 x .28	.06	.35	.23	.2
202-35V22	22	.25 x .28	.10	.47	.31	.2
202-35V33	33	.25 x .28	.10	.47	.31	.2

35 Volt (44V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each 1	100	50
202-50V1.0	1.0	.16 x .28	.06	.35	.23	.2
202-50V2.2	2.2	.16 x .28	.06	.35	.23	.2
202-35V22	22	.25 x .28	.10	.47	.31	.2
202-35V33	33	.25 x .28	.10	.47	.31	.2

50 Volt (63V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each 1	100	50
202-50V1.0	1.0	.16 x .28	.06	.35	.23	.2
202-50V2.2	2.2	.16 x .28	.06	.35	.23	.2

XICON™ Ceramic Trimmer Capacitors

4mm Super Miniature

50WVDC

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
242-1810	A	1.8-10.0	>300	N550±300	None	1.60	1.33	1.21	Call For Quote
242-2820	A	2.8-20.0	>300	N550±300	Blue	1.60	1.33	1.21	
242-4030	A	4.0-30.0	>200	N1200±500	Yellow	1.60	1.33	1.21	

5mm Surface Mount Micro-Miniature

200WVDC

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
24AA070	B	1.8-6.0	>300	NPO±250	Red	1.16	.89	.81	Call For Quote
24AA071	B	2.8-12.5	>300	N600±300	None	1.16	.89	.81	
24AA072	B	3.5-20	>300	N750±300	Blue	1.16	.89	.81	
24AA073	B	5.0-30	>200	N1500±300	Yellow	1.16	.89	.81	
24AA074	B	9.0-50	>200	N1500±300	Green	1.16	.89	.81	

5mm Micro-Miniature

200WVDC

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
24AA080	C	1.8-6.0	>300	NPO±250	Red	1.13	.94	.90	Call For Quote
24AA081	C	2.8-12.5	>300	N600±300	None	1.13	.94	.90	
24AA082	C	3.5-20	>300	N750±300	Blue	1.13	.94	.90	
24AA083	C	5.0-30	>200	N1500±500	Yellow	1.13	.94	.90	
24AA084	C	9.0-50	>200	N1500±500	Green	1.13	.94	.90	
24AA020	D	1.8-6.0	>300	NPO±250	Red	1.24	.95	.86	
24AA021	D	2.8-12.5	>300	N600±300	None	1.24	.95	.86	
24AA022	D	3.5-20	>300	N750±300	Blue	1.24	.95	.86	
24AA023	D	5.0-30	>200	N1500±500	Yellow	1.24	.95	.86	
24AA024	D	9.0-50	>200	N1500±500	Green	1.24	.95	.86	

5mm Micro-Miniature

200WVDC

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
24AA091	E	2.8-12.5	>300	N600±300	None	1.24	.95	.78	Call
24AA092	E	3.5-20.0	>300	N750±300	Blue	1.24	.95	.78	

6mm Snap-In Mount

100WVDC

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
242-1530	F	1.5-3.0	>300	NPO±200	Black	.65	.50	.45	Call For Quote
242-2710	F	2.7-10	>300	NPO±200	White	.65	.50	.45	
242-4220	F	4.2-20	>300	N450±300	Red	.65	.50	.45	
242-5530	F	5.5-30	>200	N750±300	Green	.70	.54	.50	
242-8050	F	8.0-50	>200	N1200±600	Orange	.75	.57	.52	

7mm Ultra-Miniature

225WVDC

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
24AA113	H	4.0-34	>300	N550±800	Yellow	1.24	.95	.78	Call

7mm Ultra-Miniature

225WVDC

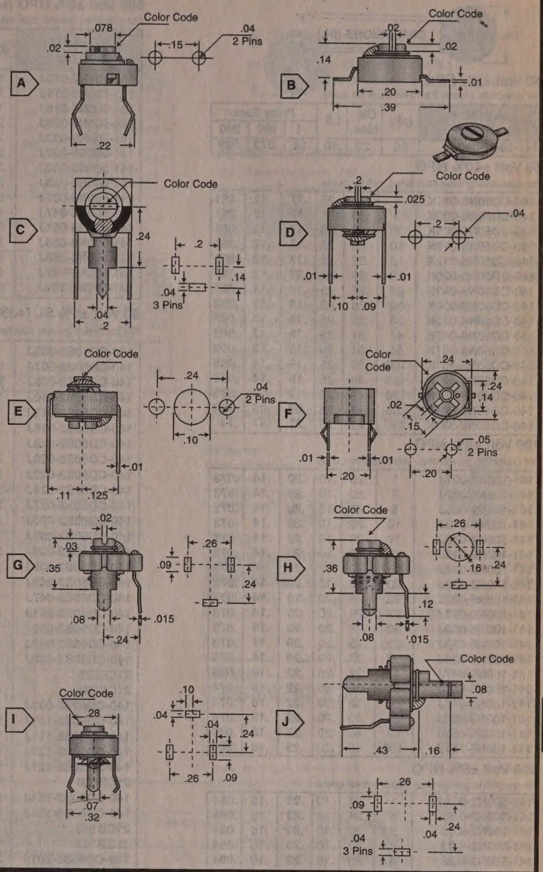
MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
24AA061	G	2.0-12	>300	NPO±200	None	.88	.80	.70	Call For Quote
242-3610-12	I	2.0-12	>300	NPO±200	None	1.24	.95	.86	
242-3610-23	I	2.8-23	>300	N450±200	Blue	1.24	.95	.86	
242-3610-45	I	7.0-45	>200	N1400±800	Brown	1.24	.95	.86	
242-3610-55	I	7.0-55	>200	N1400±800	Green	1.24	.95	.86	
242-3610-70	I	7.0-70	>200	N1400±800	Gray	1.40	1.17	1.06	
242-3610-100	I	12.0-100	200@1MHz	N1400±800	Black	1.40	1.17	1.06	

7mm Ultra-Miniature Rotary Shaft

225WVDC

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each 1	10	100	500
242-3410-34	J	4.0-34	>300	N500±800	Yellow	1.33	1.11	1.01	Call For Quote
242-3410-45	J	5.0-45	>200	N1400±800	Brown	1.33	1.11	1.01	
242-3410-55	J	5.0-55	>200	N1400±800	Green	1.33	1.11	1.01	
242-3410-70	J	6.0-70	>200	N1400±800	None	1.33	1.11	1.01	

DIMENSIONS (IN.)

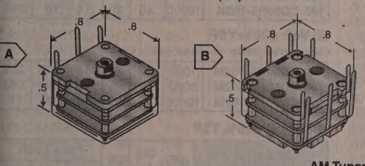


POLY FILM RF TUNER CAPACITORS

Specifications:

- Osc.: 5.0 to 59.2 pF range
- Ant.: 5.0 to 141.6 pF range
- Osc. trimmer: 10 pF range
- Ant. trimmer: 10 pF range
- Section 1: 5.0 to 266 pF
- Section 2: 5.0 to 266pF
- Two-7 pF trimmers per section
- Q: 700 @ 10 MHz, 50 pF

DIMENSIONS (IN.)



AM Tuner
2 Sections

MOUSER STOCK NO.	Fig.	Price Each 1	10	100	500	1000
24TR222	A	1.52	1.18	1.07	.98	Call
24TR218	B	2.98	2.49	2.26	2.05	

Mounting Screws for 24TR222 and 24TR218

2 screws required

Size: M2.5 x 0.45 x 4mm

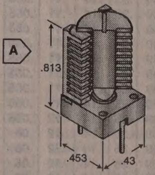
MOUSER STOCK NO.	Fig.	Price Each 1	100	1000	10000	25000
48SS003	- - -	.04	.012	.011	0.010	Call

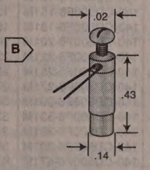
E.F. JOHNSON VARIABLE CAPACITORS

Features:

- Used for tuning VHF, UHF and microwave circuits
- Small size and low cost

DIMENSIONS (IN.)





Specifications A:

- Working voltage: 250VDC
- Q factor: 2000 at 1MHz
- Operating temperature: -55°C to +125°C
- Nominal air gap: .010"

Specifications B:

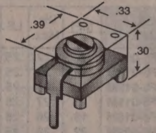
- Working voltage: 1000VDC
- Q factor: 2000 at 1MHz
- Operating temperature: -55°C to +150°C

MOUSER STOCK NO.	Fig.	Range (pF)	Dielectric	Price Each 1	10	100	250
530-189-0509-5	A	2.4-24.5	Air	3.12	2.61	2.25	Call
530-273-0001-1	B	.25-1.5	Teflon	1.80	1.51	1.30	

FILM TRIMMER CAPACITORS

For use in oscillator and antenna RF circuits for fine tuning filtering or band tuning.

DIMENSIONS (IN.)

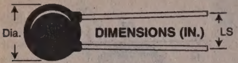


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range (pF)	Price Each 1	10	100	500
24PX005	1.0-5.0	.78	.52	.47	.43
24PX016	1.0-15.0	.78	.52	.47	.43
24PX030	1.5-30.0	1.01	.77	.70	.64

XICON™ Ceramic Disc Capacitors

EIA CLASS 1 TEMPERATURE COMPENSATING DISC CERAMIC CAPACITORS



50 Volt ±5% NPO

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	100	200
141-50N2-020J	20	.20	.10	.14	.073	.029

50 Volt ±10% NPO

For quantities greater than listed, call for quote.

140-CD50N6-001K	1	.20	.25	.17	.12	.061
140-CD50N6-003K	3	.20	.25	.17	.12	.061
140-CD50N6-005K	5	.22	.25	.17	.12	.061
140-CD50N6-010K	10	.20	.25	.17	.12	.061
140-CD50N6-012K	12	.22	.25	.17	.12	.061
140-CD50N6-020K	20	.20	.25	.17	.12	.061
140-CD50N6-022K	22	.25	.25	.17	.12	.061
140-CD50N6-030K	30	.26	.25	.18	.13	.062
140-CD50N6-033K	33	.26	.25	.18	.13	.062
140-CD50N6-047K	47	.31	.25	.18	.13	.062
140-CD50N6-051K	51	.31	.25	.18	.13	.062
140-CD50N6-101K	100	.39	.25	.19	.14	.065
140-CD50N6-121K	120	.49	.25	.19	.14	.065
140-CD50N6-151K	150	.49	.25	.19	.14	.065
140-CD50N6-201K	200	.49	.25	.20	.15	.098
140-CD50N6-331K	330	.49	.25	.21	.17	.14

100 Volt ±5% NPO

For quantities greater than listed, call for quote.

141-100N2-001J	1	.20	.10	.20	.14	.073
141-100N2-002J	2	.20	.10	.20	.14	.073
141-100N2-005J	5	.20	.10	.20	.14	.073
141-100N2-010J	10	.20	.10	.20	.14	.073
141-100N2-012J	12	.20	.10	.20	.14	.073
141-100N2-015J	15	.20	.10	.20	.14	.073
141-100N2-018J	18	.20	.10	.20	.14	.073
141-100N2-020J	20	.20	.10	.20	.14	.073
141-100N5-022J	22	.25	.20	.20	.14	.073
141-100N5-027J	27	.25	.20	.20	.14	.073
141-100N5-030J	30	.25	.20	.20	.14	.073
141-100N5-033J	33	.25	.20	.20	.14	.073
141-100N5-039J	39	.32	.20	.20	.14	.073
141-100N5-047J	47	.32	.20	.22	.16	.074
141-100N5-051J	51	.32	.20	.22	.16	.074
141-100N5-056J	56	.32	.20	.22	.16	.074
141-100N5-068J	68	.40	.20	.22	.16	.074
141-100N5-082J	82	.40	.20	.25	.18	.085
141-100N5-101J	100	.40	.20	.25	.18	.085

500 Volt ±5% NPO

For quantities greater than listed, call for quote.

141-500N2-001J	1	.24	.10	.23	.16	.084
141-500N2-005J	5	.24	.10	.23	.16	.084
141-500N2-5.6J	5.6	.20	.10	.23	.16	.084
141-500N2-6.8J	6.8	.20	.10	.23	.16	.084
141-500N2-8.2J	8.2	.20	.10	.23	.16	.084
141-500N2-010J	10	.24	.10	.23	.16	.084

500 Volt ±5% NPO (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	100	200
141-500N2-012J	12	.24	.10	.23	.16	.084
141-500N5-015J	15	.32	.20	.23	.16	.084
141-500N5-018J	18	.32	.20	.23	.16	.084
141-500N5-020J	20	.32	.20	.23	.16	.084
141-500N5-022J	22	.32	.20	.23	.16	.084
141-500N5-027J	27	.40	.20	.23	.16	.084
141-500N5-030J	30	.40	.20	.23	.16	.084
141-500N5-033J	33	.40	.20	.23	.16	.084
141-500N5-039J	39	.40	.20	.23	.16	.084
141-500N6-047J	47	.50	.25	.25	.17	.089
141-500N6-051J	51	.50	.25	.25	.17	.089
141-500N6-056J	56	.50	.25	.26	.18	.096
141-500N6-068J	68	.50	.25	.27	.19	.099
141-500N9-082J	82	.59	.37	.28	.20	.101
141-500N9-101J	100	.59	.37	.28	.20	.101

50 Volt ±5% SL (+350 to -1.000) PPM/°C

For quantities greater than listed, call for quote.

140-CD50S2-005J	5	.19	.10	.16	.11	.058
140-CD50S2-007J	6.8	.19	.10	.16	.11	.058
140-CD50S2-008J	7.5	.19	.10	.16	.11	.058
140-CD50S2-010J	10	.19	.10	.16	.11	.058
140-CD50S2-012J	12	.19	.10	.16	.11	.058
140-CD50S2-015J	15	.19	.10	.16	.11	.058
140-CD50S2-018J	18	.19	.10	.16	.11	.058
140-CD50S2-020J	20	.19	.10	.16	.11	.058
140-CD50S2-022J	22	.19	.10	.16	.11	.058
140-CD50S2-024J	24	.19	.10	.16	.11	.058
140-CD50S2-027J	27	.19	.10	.17	.12	.059
140-CD50S2-030J	30	.19	.10	.17	.12	.059
140-CD50S2-033J	33	.19	.10	.17	.12	.059
140-CD50S2-036J	36	.19	.10	.17	.12	.059
140-CD50S2-039J	39	.19	.10	.17	.12	.059
140-CD50S2-043J	43	.19	.10	.17	.12	.059
140-CD50S2-047J	47	.20	.10	.17	.12	.059
140-CD50S2-051J	51	.19	.10	.17	.12	.062
140-CD50S2-056J	56	.19	.10	.18	.12	.062
140-CD50S2-062J	62	.19	.10	.18	.12	.062
140-CD50S2-068J	68	.19	.10	.18	.12	.062
21CB075	75	.19	.10	.18	.12	.062
21CB082	82	.19	.10	.18	.12	.062
140-CD50S2-091J	91	.20	.10	.18	.12	.062
140-CD50S5-101J	100	.20	.20	.18	.12	.062
140-CD50S5-111J	110	.25	.20	.18	.12	.062
140-CD50S2-121J	120	.20	.10	.18	.12	.062
140-CD50S5-121J	120	.20	.20	.18	.12	.062
21CB130	130	.20	.20	.19	.13	.065
140-CD50S2-151J	150	.19	.10	.19	.13	.065
140-CD50S5-151J	150	.25	.20	.19	.13	.065
21CB160	160	.32	.10	.19	.13	.065
21CB180	180	.23	.20	.19	.13	.065
140-CD50S5-201J	200	.23	.20	.19	.13	.065
140-CD50S5-221J	220	.23	.20	.19	.13	.065

50 Volt ±5% SL (+350 to -1.000) PPM/°C (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD50S5-241J	240	.25	.20	.19	.13	.065
140-CD50S5-271J	270	.27	.20	.20	.14	.07
140-CD50S5-301J	300	.36	.20	.20	.14	.07
140-CD50S5-331J	330	.26	.20	.20	.14	.07
21CB360	360	.28	.20	.20	.14	.07
140-CD50S5-391J	390	.32	.20	.20	.14	.07
21CB430	430	.40	.20	.20	.14	.07
140-CD50S5-471J	470	.32	.20	.20	.14	.07
140-CD50S5-511J	510	.33	.20	.20	.14	.07

50 Volt ±20% SL (+350 to -1.000) PPM/°C

For quantities greater than listed, call for quote.

140-CD50S6-005M	5	.20	.25	.15	.10	.055
21FL007	6.8	.26	.25	.15	.10	.055
140-CD50S6-010M	10	.20	.25	.15	.10	.055
21FL012	12	.26	.25	.15	.10	.055
21FL015	15	.20	.25	.15	.10	.055
21FL018	18	.20	.25	.15	.10	.055
21FL020	20	.20	.25	.15	.10	.055
140-CD50S6-022M	22	.20	.25	.15	.10	.055
140-CD50S6-027M	27	.20	.25	.16	.11	.056
140-CD50S6-030M	30	.26	.25	.16	.11	.056
140-CD50S6-033M	33	.20	.25	.16	.11	.056
140-CD50S6-039M	39	.20	.25	.16	.11	.056
140-CD50S6-043M	43	.20	.25	.16	.11	.056
140-CD50S6-047M	47	.20	.25	.16	.11	.056
21FL050	50	.29	.25	.17	.12	.059
21FL051	51	.20	.25	.17	.12	.059
140-CD50S6-056M	56	.20	.25	.17	.12	.059
140-CD50S6-068M	68	.20	.25	.17	.12	.059
21FL075	75	.29	.25	.17	.12	.059
140-CD50S6-101M	100	.25	.25	.17	.12	.059
140-CD50S6-151M	150	.20	.25	.18	.13	.062
140-CD50S6-201M	200	.32	.25	.18	.13	.062
140-CD50S6-221M	220	.30	.25	.18	.13	.062
21FL250	250	.31	.25	.19	.13	.067
140-CD50S6-271M	270	.38	.25	.19	.13	.067
21FL300	300	.39	.25	.19	.13	.067
140-CD50S6-331M	330	.32	.25	.19	.13	.067
140-CD50S6-391M	390	.32	.25	.19	.13	.067
140-CD50S6-471M	470	.35	.25	.19	.13	.067
140-CD50S6-501M	500	.39	.25	.19	.13	.067

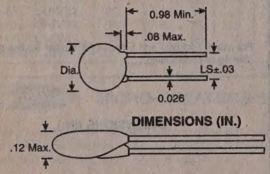
1000 Volt ±10% SL (+350 to -1.000) PPM/°C

For quantities greater than listed, call for quote.

* 140-CD1000S5-010F	10	.24	.20	.10	.062	.052
140-CD1000S5-022K	22	.24	.20	.10	.062	.052
140-CD1000S5-033K	33	.24	.20	.10	.062	.052
140-CD1000S5-047K	47	.24	.20	.10	.062	.052
140-CD1000S5-101K	100	.24	.20	.16	.095	.079
140-CD1000S5-221K	220	.24	.20	.18	.11	.09
212-5310-331K	330	.61	.40	.28	.17	.14
140-CD1000S10-471K	470	.24	.40	.36	.23	.19

* 10pF is 5% tolerance

EIA CLASS 2 DISC CERAMIC CAPACITORS



500 Volt ±20% Y5F

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD500F6-005M	5	.22	.25	.14	.08	.05
140-CD500F6-010M	10	.22	.25	.14	.08	.05
140-CD500F6-012M	12	.23	.25	.14	.08	.05
140-CD500F6-015M	15	.27	.25	.14	.08	.05
140-CD500F6-018M	18	.26	.25	.14	.08	.05
140-CD500F6-022M	22	.26	.25	.14	.08	.05
140-CD500F6-025M	25	.26	.25	.14	.08	.05
140-CD500F6-027M	27	.26	.25	.14	.08	.05
140-CD500F6-030M	30	.27	.25	.14	.08	.05
140-CD500F6-033M	33	.33	.25	.14	.08	.05
140-CD500F6-039M	39	.33	.25	.14	.08	.05
140-CD500F6-047M	47	.33	.25	.14	.08	.05
140-CD500F6-050M	50	.33	.25	.14	.08	.05
140-CD500F6-056M	56	.39	.25	.14	.08	.05
140-CD500F6-068M	68	.39	.25	.14	.08	.05

500 Volt ±20% Y5F

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD500F6-075M	75	.39	.25	.14	.08	.05
140-CD500F6-082M	82	.39	.25	.14	.08	.05
140-CD500F6-101M	100	.39	.25	.14	.11	.055
140-CD500F6-121M	120	.39	.25	.14	.11	.055
140-CD500F6-151M	150	.39	.25	.14	.11	.055
140-CD500F6-181M	180	.39	.25	.14	.11	.055
140-CD500F6-201M	200	.39	.25	.14	.11	.055
140-CD500F6-221M	220	.39	.25	.14	.11	.055
140-CD500F6-251M	250	.39	.25	.14	.11	.055
140-CD500F6-271M	270	.39	.25	.14	.11	.055
140-CD500F6-301M	300	.39	.25	.14	.11	.055
140-CD500F6-331M	330	.39	.25	.14	.12	.055
140-CD500F6-361M	360	.39	.25	.14	.12	.06
140-CD500F6-391M	390	.39	.25	.14	.12	.06
140-CD500F6-471M	470	.39	.25	.14	.12	.06
140-CD500F6-501M	500	.39	.25	.14	.12	.06
140-CD500F6-561M	560	.39	.25	.14	.12	.06
140-CD500F6-681M	680	.39	.25	.14	.12	.06
140-CD500F6-751M	750	.39	.25	.14	.12	.06
140-CD500F6-821M	820	.39	.25	.14	.12	.06

50 Volt ±10% Y5P

For quantities greater than listed, call for quote.

140-CD50P2-101K	100	.19	.10	.08	.052	.025
140-CD50P2-121K	120	.19	.10	.08	.052	.025
140-CD50P2-151K	150	.19	.10	.08	.052	.025
140-CD50P2-201K	200	.19	.10	.08	.052	.025
140-CD50P2-221K	220	.19	.10	.08	.052	.025
140-CD50P2-271K	270	.19	.10	.08	.052	.025
212-2112-301K	300	.19	.10	.08	.052	.025

50 Volt ±10% Y5P

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD50P2-331K	330	.19	.10	.08	.052	.025
140-CD50P2-471K	470	.19	.10	.08	.052	.025
212-2112-102K	1000	.20	.10	.08	.052	.025
140-CD50P5-202K	2000	.20	.20	.08	.052	.029
140-CD50P5-103K	10000	.40	.20	.14	.10	.059

50 Volt ±20% Y5P

For quantities greater than listed, call for quote.

140-CD50P6-102M	1000	.22	.25	.13	.083	.036
140-CD50P6-502M	5000	.34	.25	.14	.094	.048
140-CD50P6-103M	10000	.40	.25	.16	.13	.11

1000 Volt ±10% Y5P

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	100	200
140-CD1000P5-331K	330	.30	.20	.10	.062	.052
140-CD1000P5-471K	470	.24	.20	.10	.062	.052
140-CD1000P5-102K	1000	.32	.20	.16	.10	.083
140-CD1000P10-202K	2000	.40	.40	.22	.13	.11

2000 Volt ±10% Y5P

140-CD2000P5-101K	100	.28	.20	.12	.072	.06
212-6115-221K	220	.30	.20	.12	.072	.06
212-6115-331K	330	.30	.20	.12	.072	.06
212-6115-391K	390	.30	.20	.12	.072	.06
140-CD2000P5-471K	470	.28	.20	.18	.11	.09
140-CD2000P5-102K	1000	.35	.20	.22	.13	.11
140-CD2000P5-202K	2000	.47	.20	.32	.25	.21

XICON™ Ceramic Disc and Axial Capacitors

EIA CLASS 2 DISC CERAMIC CAPACITORS

50 Volt ±20%

Temperature coefficient: Z5U

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD50Z6-102M	.001	.22	.25	.07	.024	.022
140-CD50Z6-202M	.002	.22	.25	.07	.024	.022
140-CD50Z6-502M	.005	.26	.25	.07	.024	.022
140-CD50Z6-103M	.01	.34	.25	.08	.025	.023
140-CD50Z6-203M	.02	.40	.25	.12	.037	.033

50 Volt +80% to -20%

Temperature coefficient: Z5U

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD50Z6-102Z	.001	.26	.25	.12	.077	.033
140-CD50Z6-202Z	.002	.26	.25	.12	.077	.033
140-CD50Z6-502Z	.005	.26	.25	.12	.077	.033
140-CD50Z6-103Z	.01	.34	.25	.13	.083	.036
140-CD50Z6-203Z	.02	.40	.25	.14	.094	.053
140-CD50Z9-503Z	.05	.52	.38	.16	.13	.11
140-CD50Z9-104Z	.1	.30	.38	.23	.12	.11

100 Volt +80% to -20%

Temperature coefficient: Z5U

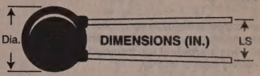
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Dia. Max.	LS	Price Each 1	100	200
140-CD100Z6-102Z	.001µF	.40	.25	.15	.095	.04
140-CD100Z6-202Z	.002µF	.40	.25	.15	.095	.04
140-CD100Z6-502Z	.005µF	.40	.25	.15	.095	.04
140-CD100Z6-103Z	.01µF	.40	.25	.15	.098	.045
140-CD100Z6-203Z	.02µF	.50	.25	.18	.12	.057
140-CD100Z9-503Z	.05µF	.58	.38	.19	.15	.11
140-CD100Z9-104Z	.1µF	.58	.38	.25	.17	.14

500 Volt +80% to -20% Tolerance

Temperature coefficient: Z5U

MOUSER STOCK NO.	Value	Dia. Max.	LS	Price Each 1	100	200
140-CD500Z6-102Z	1000pF	.28	.25	.16	.08	.047
140-CD500Z6-202Z	2000pF	.27	.25	.16	.08	.047
140-CD500Z6-302Z	3000pF	.31	.25	.16	.08	.047
140-CD500Z6-502Z	5000pF	.36	.25	.17	.09	.06
140-CD500Z9-103Z	10000pF	.43	.38	.18	.11	.08
140-CD500Z9-203Z	20000pF	.53	.37	.26	.17	.13



50 Volt +80% to -20%

Temperature coefficient: Z5V

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD50Q6-102Z	.001	.26	.25	.12	.077	.033
140-CD50Q6-103Z	.01	.34	.25	.13	.083	.036
140-CD50Q6-203Z	.02	.34	.25	.14	.094	.048
140-CD50Q9-503Z	.05	.50	.38	.16	.13	.11
140-CD50Q9-104Z	.1	.275	.38	.18	.16	.13
140-CD50Q5-102Z	.001	.22	.20	.11	.070	.03
140-CD50Q5-103Z	.01	.26	.20	.12	.076	.033
140-CD50Q7-203Z	.02	.34	.30	.13	.065	.043
140-CD50Q10-503Z	.05	.50	.15	.15	.12	.099

EIA CLASS 3, SEMICONDUCTOR TYPE DISC CERAMIC CAPACITORS

12 Volt +80% to -20%

emperature coefficient: Y5R

or quantities greater than listed, call for quote.

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD12R6-503Z	.05	.24	.25	.18	.15	.11
140-CD12R6-104Z	.15	.31	.25	.20	.16	.12

2 Volt +80% to -20%

emperature coefficient: Y5U

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD12U6-204Z	.2	.39	.25	.21	.17	.13

2 Volt ±20%

emperature coefficient: Y5U

or quantities greater than listed, call for quote.

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD12U6-104M	.1	.31	.25	.25	.18	.13

50 Volt ±20%

Temperature coefficient: Y5U

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD50U9-503M	.05	.52	.38	.12	.059	.054

50 Volt +80% to -20%

Temperature coefficient: Y5V

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(µF)	Dia. Max.	LS	Price Each 1	100	200
140-CD50V2-102Z	.001	.20	.10	.12	.076	.033
140-CD50V2-202Z	.002	.24	.10	.12	.076	.033
140-CD50V2-472Z	.0047	.39	.10	.12	.076	.033
140-CD50V5-473Z	.047	.25	.20	.16	.14	.11
140-CD50V6-103Z	.01	.25	.24	.13	.083	.036
140-CD50V10-104Z	.1	.22	.39	.18	.16	.13

CERAMIC DISC CAPACITOR KITS

Features:
- General purpose
- 360 pieces
- 18 different values
- Tolerance: 5pF to .05µF ±20%
  .1µF, -20% to +80%

50 Volt

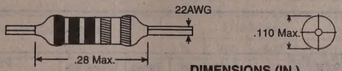
MOUSER STOCK NO.	Range of Values	Contains	Price Each
370-GP50-1	5pF-.1µF	20 each of: 5,10,22 33,47,68,100,220,270 330,470,500pF;.001, .002,.005,.01,.05,.1µF	29.95

500 Volt

MOUSER STOCK NO.	Range of Values	Contains	Price Each
370-GP500-1	5pF-.02µF	20 each of: 5,10,22,33,47,68,82 100,220,270,330,470 500pF;.001,.002,.005 .01 .02µF	29.95

EIA CLASS 3 AXIAL CERAMIC CAPACITORS

eatures:
- Minimal footprint and low profile
- Wide range of capacitances



DIMENSIONS (IN.)

0 Volt

o order reels: add "/REEL" to Mouser Stock No.

MOUSER STOCK NO.	(pF)	Tolerance ±	Temperature Coefficient	Price Each 1	100	500	5000 Per Reel Price Per Reel 1	2
40-CA50N1.0M	1.0	20%	NPO	.14	.072	.065	264.04	Call
40-CA50N1.5M	1.5	20%	NPO	.14	.072	.065	264.04	For
40-CA50N2.2K	2.2	10%	NPO	.14	.072	.065	264.04	Quote
40-CA50N3.3K	3.3	10%	NPO	.14	.072	.065	264.04	
40-CA50N4.7K	4.7	10%	NPO	.14	.072	.065	264.04	
40-CA50N6.8K	6.8	10%	NPO	.14	.072	.065	264.04	
40-CA50N100J	10	5%	NPO	.14	.072	.065	264.04	
40-CA50N120J	12	5%	NPO	.14	.072	.065	264.04	
40-CA50N150J	15	5%	NPO	.14	.072	.065	264.04	
40-CA50N180J	18	5%	NPO	.14	.072	.065	264.04	
40-CA50N200J	20	5%	NPO	.14	.072	.065	264.04	
40-CA50N220J	22	5%	NPO	.14	.072	.065	264.04	Call
40-CA50N270J	27	5%	NPO	.14	.072	.065	264.04	For
40-CA50N300J	30	5%	NPO	.14	.072	.065	264.04	Quote
40-CA50N330J	33	5%	NPO	.14	.072	.065	264.04	
40-CA50N390J	39	5%	NPO	.14	.072	.065	264.04	
40-CA50S470J	47	5%	SL	.13	.064	.058	216.89	
40-CA50S680J	68	5%	SL	.13	.064	.058	216.89	
40-CA50S820J	82	5%	SL	.13	.064	.058	216.89	
40-CA50S101J	100	5%	SL	.13	.064	.058	216.89	
40-CA50S121J	120	5%	SL	.13	.064	.058	216.89	
40-CA50P151K	150	10%	Y5P	.13	.064	.058	216.89	
40-CA50P221K	220	10%	Y5P	.13	.064	.058	216.89	Call
40-CA50P271K	270	10%	Y5P	.13	.064	.058	216.89	For
40-CA50P331K	330	10%	Y5P	.13	.064	.058	216.89	Quote
40-CA50P391K	390	10%	Y5P	.13	.064	.058	216.89	
40-CA50P471K	470	10%	Y5P	.13	.064	.058	216.89	
40-CA50P561K	560	10%	Y5P	.13	.064	.058	216.89	
40-CA50P681K	680	10%	Y5P	.13	.064	.058	216.89	
40-CA50P821K	820	10%	Y5P	.13	.064	.058	216.89	

50 Volt

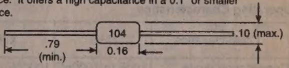
MOUSER STOCK NO.	(pF)	Tolerance ±	Temp. Coeff.	Price Each 1	100	500	5000 Per Reel Price Per Reel 1	2
140-CA50P102K	1000	10%	Y5P	.13	.064	.058	216.89	
140-CA50R152M	1500	20%	Y5R	.13	.064	.058	216.89	
140-CA50R222M	2200	20%	Y5R	.13	.064	.058	216.89	Call
140-CA50R472M	4700	20%	Y5R	.13	.064	.058	216.89	For
* 140-CA25R103M	10000	20%	Y5R	.13	.064	.058	216.89	Quote
140-CA50V103Z	10000	+80%-20%	Y5Z	.13	.064	.058	216.89	
140-CA50V223Z	22000	+80%-20%	Y5Z	.13	.064	.058	216.89	
140-CA50V473Z	47000	+80%-20%	Y5Z	.13	.064	.058	216.89	

* 25 Volt rating

CA10 AXIAL CERAMIC CAPACITORS

Conformally coated for superior environmental resistance. It offers a high capacitance in a 0.1" or smaller diameter case. Great for boards that have minimal space.

DIMENSIONS (IN.)



Specifications:
- Operating temperature: -55°C to +125°C, C0G & X7R, -25°C to +85°C, Z5U
- Dissipation factors: ≤.001 for C≥50pF, C0G, ≤.0033 for C<50pF, C0G, ≤.025, X7R, ≤.03, Z5U
- Solderability: 235°C±5°C, 2 ±0.5 sec @ 1.5~2.0mm immersion

50 Volt

To order reels: add "/REEL" to Mouser Stock No.

MOUSER STOCK NO.	Value	Tolerance ±	Temperature Coefficient	Price Each 1	100	500	5000 Per Reel Price Per Reel 1	2
147-75-100	10pF	5	C0G	.17	.13	.11	330.00	Call
147-75-220	22pF	5	C0G	.17	.13	.11	330.00	For
147-75-270	27pF	5	C0G	.17	.13	.11	330.00	Quote
147-75-470	47pF	5	C0G	.17	.13	.11	330.00	
147-75-331	330pF	5	C0G	.18	.14	.12	374.00	
147-75-471	470pF	5	C0G	.21	.16	.13	396.00	
147-75-102	1000pF	5	C0G	.29	.22	.18	480.15	
147-71-103	.01µF	10	X7R	.16	.12	.10	275.00	
147-72-103	.01µF	20	Z5U	.16	.12	.10	260.37	Call
147-71-223	.022µF	10	X7R	.17	.13	.11	327.80	For
147-71-473	.047µF	10	X7R	.26	.20	.17	297.00	Quote
147-72-104	.1µF	20	Z5U	.13	.10	.08	255.26	

RADIAL MONOLITHIC CERAMIC CAPACITORS TYPE U-ECOCAP

NPO: Class I

Temperature compensating capacitors, suitable for resonant circuits where stable capacitance and low D.F. are desired. They are made of non ferro-electric materials yielding superior stability.

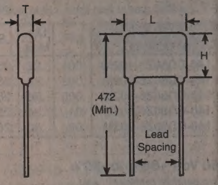
X7R: Class II

Stable capacitors, made of ferro-electric materials, yielding higher volumetric efficiency but less stability. These capacitors are suitable for by-pass or coupling applications where stability and low D.F. are not critical.

Z5U: Class III

General purpose capacitors, suitable for bypass circuits where dielectric losses, high insulation resistance and stability are not required. Made of ferro-electric materials, Class III capacitors have the lowest stability, but the highest volumetric efficiency.

NEW!



Case Size Dimensions (In.)

Size	L (Max.)	H (Max.)	T (Max.)	Lead Spacing
904	.150	.209	.100	.100
905	.200	.256	.125	.100
908	.299	.377	.149	.200

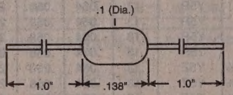
*H dimension runs to bottom of epoxy miniscus

TEMPERATURE CHARACTERISTICS	NPO	X7R	Z5U
Range, °C	-55°C to +125°C	-55°C to +125°C	+10°C to +85°C
Capacitance change without DC voltage	0±30 PPM/°C*	±15%	+22%, -56%

MOUSER STOCK NO.	Value	Voltage Rating (V)	Temp. Coeff.	Tolerance ±	Case Size	Price Each 1	100	500	1000
Class I: NPO									
581-UEC100J1	10pF	100	NPO	5%	904	.19	.11	.09	.08
581-UEC120J1	12pF	100	NPO	5%	904	.19	.11	.09	.08
581-UEC150J1	15pF	100	NPO	5%	904	.19	.11	.09	.08
581-UEC180J1	18pF	100	NPO	5%	904	.19	.11	.09	.08
581-UEC220J1	22pF	100	NPO	5%	904	.19	.11	.09	.08
581-UEC270J1	27pF	100	NPO	5%	904	.19	.11	.09	.08
581-UEC330J1	33pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC390J1	39pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC470J1	47pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC560J1	56pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC680J1	68pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC820J1	82pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC101J1	100pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC121J1	120pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC151J1	150pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC181J1	180pF	100	NPO	5%	904	.20	.12	.10	.08
581-UEC221J1	220pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC271J1	270pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC331J1	330pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC391J1	390pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC471J1	470pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC561J1	560pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC681J1	680pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC821J1	820pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC102J1	1000pF	100	NPO	5%	904	.21	.12	.10	.08
581-UEC122J1	1200pF	100	NPO	5%	905	.24	.14	.12	.10
581-UEC152J1	1500pF	100	NPO	5%	905	.24	.14	.12	.10
581-UEC182J1	1800pF	100	NPO	5%	905	.24	.14	.12	.10
581-UEC222J1	2200pF	100	NPO	5%	905	.29	.17	.14	.12
581-UEC272J1	2700pF	100	NPO	5%	905	.29	.17	.14	.12
581-UEC332J1	3300pF	100	NPO	5%	905	.34	.20	.17	.14

MOUSER STOCK NO.	Value	Voltage Rating (V)	Temp. Coeff.	Tolerance ±	Case Size	Price Each 1	100	500	1000
581-UEC472J1	4700pF	100	NPO	5%	905	.54	.32	.27	.22
581-UEC562J1	5600pF	100	NPO	5%	905	.61	.36	.30	.25
581-UEC682J2	6800pF	100	NPO	5%	908	1.26	.74	.62	.52
581-UEC822J2	8200pF	100	NPO	5%	908	1.39	.82	.68	.57
581-UEC103J2	.01µF	100	NPO	5%	908	1.56	.92	.77	.64
581-UEC183J2	.018µF	100	NPO	5%	908	2.26	1.33	1.11	.93
581-UEC223J2	.022µF	100	NPO	5%	908	1.80	1.06	.88	.73
Class II: X7R									
581-UEZ102K1	1000pF	100	X7R	10%	904	.17	.10	.08	.07
581-UEZ222K1	2200pF	100	X7R	10%	904	.17	.10	.08	.07
581-UEZ472K1	4700pF	100	X7R	10%	904	.17	.10	.08	.07
581-UEZ103K1	.01µF	100	X7R	10%	904	.17	.10	.08	.07
581-UEZ153K1	.015µF	100	X7R	10%	904	.19	.11	.09	.08
581-UEZ223K1	.022µF	100	X7R	10%	904	.24	.14	.12	.10
581-UEZ333K1	.033µF	100	X7R	10%	905	.26	.15	.12	.10
581-UEZ473K1	.047µF	100	X7R	10%	905	.27	.16	.13	.11
581-UEZ683K1	.068µF	100	X7R	10%	905	.34	.20	.17	.14
581-UEZ104K1	.1µF	100	X7R	10%	905	.34	.20	.17	.14
581-UEZ154K2	.15µF	100	X7R	10%	908	.94	.55	.46	.39
581-UEZ224K2	.22µF	100	X7R	10%	908	.94	.55	.46	.39
581-UEZ334K2	.33µF	100	X7R	10%	908	1.05	.62	.52	.44
581-UDZ223K1	.022µF	50	X7R	10%	904	.17	.10	.08	.07
581-UDZ473K1	.047µF	50	X7R	10%	905	.22	.13	.11	.09
581-UDZ104K1	.1µF	50	X7R	10%	905	.27	.16	.13	.11
581-UDZ105K2	1.0µF	50	X7R	10%	908	1.44	.85	.71	.59
Class III: Z5U									
581-UEW103M1	.01µF	100	Z5U	20%	904	.17	.10	.08	.07
581-UEW105M2	1.0µF	100	Z5U	20%	908	1.87	1.10	.92	.76
581-UEW225M2	2.2µF	100	Z5U	20%	908	2.45	1.44	1.20	1.00
581-UDW104M1	.1µF	50	Z5U	20%	905	.21	.16	.14	.12
581-UDW224M1	.22µF	50	Z5U	20%	905	.26	.15	.13	.11
581-UDW474M1	.47µF	50	Z5U	20%	905	.38	.22	.18	.15

AXIAL MONOLITHIC CERAMIC CAPACITORS TYPE ECOAX



NEW!

DIMENSIONS (IN.)

Operating Characteristics

Characteristics	NPO	X7R	Z5U
Capacitance range Capacitance tolerances	10pF to 1000pF ±5% (J)	1000pF-.033µF ±10% (K)	.01µF-.22µF ±20% (M)

NPO: Class I

Temperature compensating capacitors, suitable for resonant circuits where stable capacitance and low D.F. are desired. They are made of non ferro-electric materials yielding superior stability.

X7R: Class II

Stable capacitors, made of ferro-electric materials, yielding higher volumetric efficiency but less stability.
These capacitors are suitable for by-pass or coupling applications where stability and low D.F. are not critical.

Z5U: Class III

General purpose capacitors, suitable for bypass circuits where dielectric losses, high insulation resistance and stability are not required. Made of ferro-electric materials, Class III capacitors have the lowest stability, but the highest volumetric efficiency.

5000 Per Reel

MOUSER STOCK NO.	Value	Voltage Rating (V)	Temp. Coeff.	Tolerance ±	Price Each 1	100	500	1000	Price Per Reel 1	5
Class I: NPO										
581-EXCE100J	10pF	100	NPO	5%	.20	.15	.12	.10	352.00	Call
581-EXCE120J	12pF	100	NPO	5%	.20	.15	.12	.10	352.00	For
581-EXCE150J	15pF	100	NPO	5%	.20	.15	.12	.10	352.00	Quote
581-EXCE220J	22pF	100	NPO	5%	.20	.15	.12	.10	352.00	
581-EXCE470J	47pF	100	NPO	5%	.20	.15	.12	.10	352.00	
581-EXCE560J	56pF	100	NPO	5%	.20	.15	.12	.10	352.00	
581-EXCE101J	100pF	100	NPO	5%	.20	.15	.12	.10	352.00	
581-EXCE221J	220pF	100	NPO	5%	.23	.18	.15	.12	451.00	
581-EXCD391J	390pF	50	NPO	5%	.21	.16	.13	.11	407.00	
581-EXCD471J	470pF	50	NPO	5%	.21	.16	.13	.11	407.00	
581-EXCD561J	560pF	50	NPO	5%	.23	.18	.15	.12	429.00	
581-EXCD102J	1000pF	50	NPO	5%	.26	.20	.16	.13	462.00	
Class II: X7R										Call
581-EXZE102K	1000pF	100	X7R	10%	.20	.15	.12	.10	374.00	For
581-EXZE122K	1200pF	100	X7R	10%	.20	.15	.12	.10	374.00	Quote
581-EXZE152K	1500pF	100	X7R	10%	.20	.15	.12	.10	374.00	
581-EXZE222K	2200pF	100	X7R	10%	.20	.15	.12	.10	374.00	
581-EXZE332K	3300pF	100	X7R	10%	.20	.15	.12	.10	374.00	
581-EXZE472K	4700pF	100	X7R	10%	.21	.16	.13	.11	396.00	
581-EXZD562K	5600pF	50	X7R	10%	.18	.14	.12	.10	396.00	
581-EXZD103K	.01µF	50	X7R	10%	.16	.12	.10	.08	254.00	
581-EXZD223K	.022µF	50	X7R	10%	.22	.17	.14	.12	429.00	
581-EXZD333K	.033µF	50	X7R	10%	.26	.20	.17	.14	506.00	
Class III: Z5U										
581-EXWD103M	.01µF	50	Z5U	20%	.12	.10	.08	.07	208.00	
581-EXWD223M	.022µF	50	Z5U	20%	.14	.11	.09	.08	231.00	Call
581-EXWD333M	.033µF	50	Z5U	20%	.16	.12	.10	.08	254.00	For
581-EXWD473M	.047µF	50	Z5U	20%	.17	.13	.11	.09	284.90	Quote
581-EXWD563M	.056µF	50	Z5U	20%	.17	.13	.11	.09	284.90	
581-EXWD104M	.1µF	50	Z5U	20%	.14	.11	.09	.08	231.00	
581-EXWD154M	.15µF	50	Z5U	20%	.22	.17	.14	.12	440.00	
581-EXWD224M	.22µF	50	Z5U	20%	.23	.18	.15	.13	473.00	

Monolithic Ceramic and Silver Mica Capacitors

MALLORY

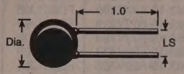
HIGH VOLTAGE CERAMIC DISC CAPACITORS

All capacitors are coated with tough humidity resistant coating and primarily designed for noncritical coupling, ypass and filter applications.

Specifications:

- Max. voltage: 2.5x rated @ .5 sec. max.
- Insulation resistance: 10GΩ min.
- Power factor: 2.5% max.
- Test frequency: 1KHz

DIMENSIONS (IN.)



General Purpose

1000 Volt, Tolerance: Y5P ±10%, Y5U ±20%

Operating temperature: -55°C to +85°C

MOUSER STOCK NO.	(pF)	Temp. Coeff.	Dia. Max.	LS	Price Each		
					1	100	1000
539-GP310	100	Y5P	.236	.25	.18	.09	Call For Quote
539-GP347	470	Y5P	.236	.25	.18	.09	
539-GP210	1000	Y5P	.291	.25	.21	.10	
539-GP222	2200	Y5P	.374	.25	.27	.14	
539-GP247	4700	Y5U	.433	.25	.32	.16	
539-GP110	10000	Y5U	.590	.375	.40	.20	

3000 Volt, Tolerance: Y5P±10%, Y5U±20%

Operating temperature: -35°C to +85°C

MOUSER STOCK NO.	(pF)	Temp. Coeff.	Dia. Max.	LS	Price Each		
					1	100	1000
539-HT471K	470	Y5P	.394	.375	.31	.15	Call For Quote
539-HT102M	1000	Y5U	.394	.375	.41	.20	
539-HT222M	2200	Y5U	.590	.375	.41	.20	
539-HT472M	4700	Y5U	.787	.375	.97	.48	

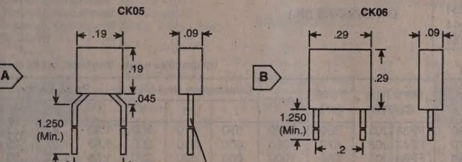
MALLORY

MONOLITHIC CERAMIC CAPACITORS

Specifications:

- Tolerance: ±10%
- Operating temperature: -55°C to +125°C
- Molded Case
- MIL spec MIL-C-11015/18 or MIL-C-11015/20

MEETS MIL SPECS



Center line of leads within .030" of center line of case

DIMENSIONS (IN.)

CK05 Series

MOUSER STOCK NO.	WVDC	Capacitance (pF)	Price Each			
			1	100	500	1000
539-CK05100K	200	10	.39	.16	.15	
539-CK05120K	200	12	.39	.16	.15	
539-CK05150K	200	15	.39	.16	.15	Call For Quote
539-CK05220K	200	22	.39	.16	.15	
539-CK05470K	200	47	.39	.16	.15	
539-CK05101K	200	100	.39	.16	.15	
539-CK05181K	200	180	.39	.16	.15	
539-CK05221K	200	220	.39	.16	.15	
539-CK05271K	200	270	.39	.16	.15	
539-CK05331K	200	330	.39	.16	.15	
539-CK05471K	200	470	.39	.16	.15	
539-CK05561K	200	560	.39	.16	.15	
539-CK05681K	200	680	.39	.16	.15	Call For Quote
539-CK05821K	200	820	.39	.16	.15	
539-CK05102K	200	1,000	.39	.16	.15	
539-CK05152K	100	1,500	.39	.16	.15	
539-CK05222K	100	2,200	.39	.16	.15	
539-CK05272K	100	2,700	.39	.16	.15	
539-CK05332K	100	3,300	.39	.16	.15	
539-CK05472K	100	4,700	.39	.16	.15	
539-CK05682K	100	6,800	.43	.17	.16	
539-CK05822K	100	8,200	.43	.17	.16	
539-CK05103K	100	10,000	.43	.17	.16	Call For Quote
539-CK05223K	50	22,000	.51	.20	.19	
539-CK05333K	50	33,000	.56	.23	.22	
539-CK05473K	50	47,000	.56	.23	.22	
539-CK05104K	50	100,000	.56	.23	.22	

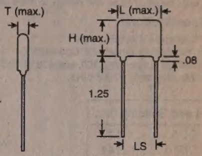
CK06 Series

MOUSER STOCK NO.	WVDC	Capacitance (pF)	Price Each			
			1	100	500	1000
539-CK06822K	200	8,200	.46	.20	.19	Call For Quote
539-CK06333K	100	33,000	.59	.20	.19	
539-CK06473K	100	47,000	.59	.20	.19	
539-CK06104K	100	100,000	.59	.20	.19	

EPOXY DIPPED MULTILAYER CERAMIC CAPACITORS

Specifications:

- Epoxy coated
- Soldered, copper clad steel
- Standard tolerances



NPO Temperature Stable 50 Volt ±10%

MOUSER STOCK NO.	Value (pF)	Dimensions (In.)				Price Each			
		L	H	T	LS	1	100	500	1000
21RD710	10	.15	.15	.10	.10	.34	.26	.19	Call For Quote
21RD722	22	.15	.15	.10	.10	.34	.26	.19	
21RD739	39	.15	.15	.10	.10	.34	.26	.19	
21RD747	47	.15	.15	.10	.10	.34	.26	.19	
21RD610	100	.15	.15	.10	.10	.34	.26	.19	
21RR612	120	.15	.15	.10	.10	.42	.32	.24	
21RD622	220	.15	.15	.10	.10	.31	.24	.18	
21RR627	270	.15	.15	.10	.10	.47	.36	.27	
21RR633	330	.15	.15	.10	.10	.47	.36	.27	
21RD647	470	.20	.20	.125	.10	.36	.28	.21	
21RR510	1,000	.20	.20	.125	.10	.57	.44	.33	

NPO Temperature Stable 100 Volt ±10%

21RR612	120	.15	.15	.10	.10	.42	.32	.24	Call For Quote
21RR627	270	.15	.15	.10	.10	.47	.36	.27	
21RR633	330	.15	.15	.10	.10	.47	.36	.27	
21RR510	1,000	.20	.20	.125	.10	.57	.44	.33	

X7R Temperature Stable 50 Volt ±10%

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		L	H	T	LS	1	100	500	1000
21RX510	.001	.15	.15	.10	.10	.26	.20	.15	Call For Quote
21RX410	.01	.20	.20	.125	.10	.29	.22	.16	
21RX420	.02	.20	.20	.125	.10	.33	.25	.18	
21RX310	.1	.20	.20	.15	.10	.62	.48	.36	
21RX320	.2	.30	.30	.15	.20	1.37	1.05	.78	

Z5U General Purpose 50 Volt ±20%

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		L	H	T	LS	1	100	500	1000
21RZ410	.01	.15	.15	.10	.10	.22	.17	.12	Call For Quote
21RZ420	.02	.15	.15	.10	.10	.34	.26	.19	
21RZ310	.1	.20	.20	.125	.10	.27	.21	.16	
21RZ320	.2	.20	.20	.125	.10	.43	.33	.24	

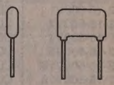
DIPPED SILVER MICA CAPACITORS

This series of dipped MICA's is being discontinued. This is being replaced by Cornell Dublier DC 10 and 19 Series on the following page.

Specifications:

- Tolerance: ±5%
- Operating temperature: -55°C to +125°C
- Working volts: 500 WVDC
- Vibration test: 10-2000 Hz
- Dielectric volts: 1000 WVDC
- Insulation resistance: 100GΩ

Reduced to Move!



500 Volt

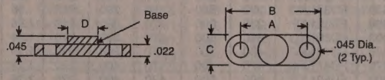
MOUSER STOCK NO.	Value (pF)	Lead Space (In.)	Price Each			
			1	25	100	500
232-1000-012	12	.14	.67	.44	.37	Call For Quote
232-1000-015	15	.14	.67	.44	.37	
232-1000-030	30	.14	.51	.34	.28	
232-1900-820	820	.34	.84	.56	.53	

CAPACITOR MOUNTS

Specifications:

- Accurately positions capacitors or discrete components on PC board
- Type 66 nylon construction

DIMENSIONS (IN.)



MOUSER STOCK NO.	Dimensions (In.)				Price Each			
	A	B	C	D	1	100	1000	5000
561-F001	.100	.180	.090	.050	.32	.12	.08	Call For Quote
561-F002	.150	.270	.125	.090	.32	.12	.08	
561-F003	.200	.290	.090	.090	.32	.12	.08	

Capacitors

DIPPED MICA DIELECTRIC CAPACITORS

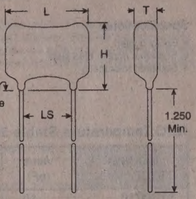
Features an exclusive CDE dipping process to impart high moisture and humidity resistance. Available in a wide range of sizes and ratings to meet application requirements. Conforms to EIA specifications.

Specifications:

- Tolerance: D=.5pF, J=5%
- Temperature range: -55°C to +125°C
- Voltage range: 500, 300, and 100 WVDC
- Vibration test: 10-2000 Hz

Lead Spacing (In.)	
CD5	- .120
CD10	- .141
CD15	- .234
CD19	- .344
CD30	- .438

DIMENSIONS (IN.)



CD5 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type CD5	Value (pF)	WVDC	Dimensions (In.) Max.			Price Each		
				L	H	T	1	25	100
5982-5-300V1	CC010D03	1	300	.270	.190	.110	.80	.53	.44
5982-5-300V2	CC020D03	2	300	.270	.190	.110	.80	.53	.44
5982-5-300V3	CC030D03	3	300	.270	.190	.110	.80	.53	.44
5982-5-300V5	CC050D03	5	300	.270	.190	.110	.80	.53	.44
5982-5-300V10	CC100D03	10	300	.270	.190	.110	.56	.38	.31
5982-5-300V15	CC150J03	15	300	.270	.190	.120	.59	.40	.33
5982-5-300V20*	EC200J03	20	300	.270	.200	.120	.60	.42	.33
5982-5-300V30	EC300J03	30	300	.270	.200	.130	.68	.45	.37
5982-5-300V33	EC330J03	33	300	.270	.200	.130	.70	.46	.39
5982-5-300V47	EC470J03	47	300	.270	.210	.140	.78	.52	.43
5982-5-300V100	FC101J03	100	300	.270	.240	.180	1.15	.77	.64
5982-5-100V150	FA151J03	150	100	.270	.230	.170	1.29	.86	.72

CD10 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type CD10	Value (pF)	WVDC	Dimensions (In.) Max.			Price Each		
				L	H	T	1	25	100
5982-10-500V1	CD010D03	1	500	.360	.330	.190	.64	.42	.35
5982-10-500V5	CD050C03	5	500	.360	.330	.190	.79	.52	.43
5982-10-500V10	CD100D03	10	500	.360	.330	.190	.79	.52	.43
5982-10-500V12	CD120J03	12	500	.360	.330	.190	.79	.52	.43
5982-10-500V15	CD150J03	15	500	.360	.330	.190	.79	.52	.43
5982-10-500V18	CD180J03	18	500	.360	.330	.190	.64	.42	.35
5982-10-500V22	ED220J03	22	500	.360	.330	.190	.60	.40	.33
5982-10-500V24	ED240J03	24	500	.360	.330	.190	.60	.40	.33
5982-10-500V27	ED270J03	27	500	.370	.330	.190	.48	.32	.26
5982-10-500V30	ED300J03	30	500	.370	.340	.190	.60	.40	.33
5982-10-500V33	ED330J03	33	500	.370	.340	.190	.60	.40	.33
5982-10-500V39	ED390J03	39	500	.370	.340	.190	.68	.45	.38
5982-10-500V47	ED470J03	47	500	.370	.340	.190	.71	.47	.39
5982-10-500V56	ED560J03	56	500	.370	.340	.190	.71	.47	.39
5982-10-500V100	FD101J03	100	500	.370	.350	.200	.73	.49	.40
5982-10-500V150	FD151J03	150	500	.380	.360	.210	.76	.50	.42
5982-10-500V200	FD201J03	200	500	.390	.370	.220	.99	.66	.55
5982-10-500V220	FD221J03	220	500	.390	.380	.220	1.03	.68	.57
5982-10-500V300	FC301J03	300	500	.390	.380	.220	1.13	.75	.63
5982-10-500V330	FA331J03	330	500	.390	.370	.220	1.12	.75	.62

CD15 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type CD15	Value (pF)	WVDC	Dimensions (In.) Max.			Price Each		
				L	H	T	1	25	100
5982-15-500V1	CD010D03	1	500	.450	.360	.170	.50	.34	.28
5982-15-500V2	CD020D03	2	500	.450	.360	.170	.50	.34	.28
5982-15-500V3	CD030D03	3	500	.450	.360	.170	.50	.34	.28
5982-15-500V5	CD050D03	5	500	.450	.360	.170	.50	.34	.28
5982-15-500V10	CD100D03	10	500	.450	.360	.170	.50	.34	.28
5982-15-500V15	CD150J03	15	500	.450	.360	.170	.48	.32	.27
5982-15-500V20	ED200J03	20	500	.450	.360	.170	.48	.32	.27
5982-15-500V22	ED220J03	22	500	.450	.360	.170	.50	.33	.28
5982-15-500V27	ED270J03	27	500	.450	.360	.170	.50	.33	.28
5982-15-500V30	ED300J03	30	500	.450	.360	.170	.50	.33	.28
5982-15-500V33	ED330J03	33	500	.450	.360	.170	.50	.33	.28
5982-15-500V47	ED470J03	47	500	.450	.360	.170	.49	.33	.27
5982-15-500V50	ED500J03	50	500	.450	.360	.170	.42	.28	.23
5982-15-500V56	ED560J03	56	500	.450	.360	.170	.42	.28	.23
5982-15-500V68	ED680J03	68	500	.450	.360	.180	.51	.34	.28
5982-15-500V75	ED750J03	75	500	.450	.360	.180	.43	.28	.23
5982-15-500V82	ED820J03	82	500	.450	.360	.180	.43	.28	.23
5982-15-500V100	FD101J03	100	500	460	.360	.180	.51	.34	.28
5982-15-500V120	FD121J03	120	500	.460	.370	.180	.56	.37	.31
5982-15-500V150	FD151J03	150	500	.460	.370	.190	.59	.40	.33
5982-15-500V180	FD181J03	180	500	.460	.370	.190	.68	.45	.38
5982-15-500V200	FD201J03	200	500	.460	.380	.190	.68	.45	.38
5982-15-500V220	FD221J03	220	500	.460	.380	.200	.71	.47	.39
5982-15-500V250	FD251J03	250	500	.470	.390	.210	.63	.42	.35
5982-15-500V270	FD271J03	270	500	.470	.390	.210	.82	.55	.45
5982-15-500V330	FD331J03	330	500	.470	.390	.210	.96	.64	.53
5982-15-500V360	FD361J03	360	500	.470	.390	.210	1.04	.69	.57
5982-15-500V390	FD391J03	390	500	.470	.390	.210	1.04	.69	.57
5982-15-500V430	FD431J03	430	500	.470	.390	.210	1.15	.76	.64
5982-15-500V470	FD471J03	470	500	.470	.400	.220	1.21	.81	.67
5982-15-500V500	FD501J03	500	500	.470	.400	.220	1.24	.82	.68
5982-15-500V510	FD511J03	510	500	.470	.400	.220	1.29	.86	.71
5982-15-300V560	FC561J03	560	300	.460	.380	.210	1.28	.86	.71
5982-15-300V620	FC621J03	620	300	.460	.380	.210	1.38	.92	.76
5982-15-300V680	FC681J03	680	300	.470	.390	.210	1.55	1.03	.86
5982-15-300V820	FC821J03	820	300	.470	.390	.210	1.79	1.19	.99
5982-15-100V1000	FA102J03	1000	100	.480	.400	.230	1.69	1.13	.93

CD19 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type CD19	Value (pF)	WVDC	Dimensions (In.) Max.			Price Each		
				L	H	T	1	25	100
5982-19-500V270	FD271J03	270	500	.640	.500	.190	.78	.52	.41
5982-19-500V300	FD301J03	300	500	.640	.500	.190	.81	.54	.44
5982-19-500V330	FD331J03	330	500	.640	.500	.190	.81	.54	.44
5982-19-500V390	FD391J03	390	500	.640	.510	.200	.84	.55	.46
5982-19-500V470	FD471J03	470	500	.640	.510	.200	.84	.56	.47
5982-19-500V500	FD501J03	500	500	.650	.510	.200	1.14	.76	.63
5982-19-500V510	FD511J03	510	500	.650	.510	.200	.84	.56	.47
5982-19-500V560	FD561J03	560	500	.650	.510	.200	.84	.56	.47
5982-19-500V620	FD621J03	620	500	.650	.510	.200	.99	.66	.55
5982-19-500V680	FD681J03	680	500	.650	.510	.210	1.00	.67	.55
5982-19-500V820	FD821J03	820	500	.650	.510	.210	.99	.66	.54
5982-19-500V910	FD911J03	910	500	.650	.510	.210	1.03	.69	.57
5982-19-500V1000	FD102J03	1000	500	.650	.520	.220	1.05	.70	.58
5982-19-500V1200	FD122J03	1200	500	.660	.520	.220	1.17	.78	.65
5982-19-500V1500	FD152J03	1500	500	.660	.520	.230	1.36	.91	.75
5982-19-500V2000	FD202J03	2000	500	.670	.530	.240	1.73	1.15	.96
5982-19-500V2200	FD222J03	2200	500	.670	.530	.250	1.73	1.15	.96
5982-19-500V2700	FD272J03	2700	500	.680	.540	.270	1.87	1.24	1.03
5982-19-500V3000	FD302J03	3000	500	.680	.550	.280	2.05	1.37	1.14
5982-19-500V3300	FD332J03	3300	500	.680	.550	.290	2.16	1.44	1.20
5982-19-500V3900	FD392J03	3900	500	.690	.560	.310	3.14	2.10	1.74
5982-19-500V4700	FD472J03	4700	500	.700	.580	.350	3.53	2.35	1.95

CDV30 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type CD30	Value (pF)	WVDC	Dimensions (In.) Max.			Price Each		
				L	H	T	1	25	100
5982-30-500V6200	FD622J03	6200	500	.780	.870	.290	7.76	5.18	4.30
5982-30-500V10000	FD103J03	10000	500	.800	.890	.340	9.84	6.56	5.44

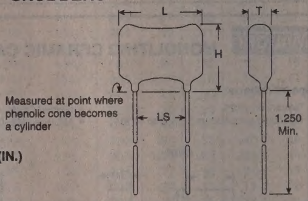
HIGH VOLTAGE DIPPED MICA "SNUBBERS"

Specifications:

- Tolerance: ±5%
- Temperature range: -55°C to +125°C
- WVDC: 1000 volts
- Temperature coefficient: 35±35ppm/°C

Lead Spacing (In.)	
CD5	- .120
CD10	- .141
CD15	- .234
CD19	- .344
CD30	- .438

DIMENSIONS (IN.)



CDV19 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type CDV19	Value (pF)	WVDC	Dimensions (In.) Max.			Price Each		
				L	H	T	1	25	100
5983-19-1KV330	FF331J03	330	1000	.650	.510	.200	1.30	.87	.72
5983-19-1KV470	FF471J03	470	1000	.650	.510	.200	1.53	1.02	.85
5983-19-1KV680	FF681J03	680	1000	.660	.520	.220	1.69	1.12	.93
5983-19-1KV1000	FF102J03	1000	1000	.670	.530	.250	1.88	1.25	1.04
5983-19-1KV1500	FF152J03	1500	1000	.680	.540	.270	1.95	1.30	1.08
5983-19-1KV2200	FF222J03	2200	1000	.690	.560	.310	2.34	1.56	1.29
5983-19-1KV3300	FF332J03	3300	1000	.720	.590	.380	4.83	3.22	2.67
5983-19-1KV4700	FF472J03	4700	1000	.760	.630	.460	7.92	5.28	4.38

CDV30 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type CDV30	Value (pF)	WVDC	Dimensions (In.) Max.			Price Each		
				L	H	T	1	25	100
5983-30-1KV6800	FF682J03	6800	1000	.830	.920	.420	13.50	9.00	7.47
5983-30-1KV8200	FF822J03	8200	1000	.840	.930	.460	18.37	12.25	10.16
5983-30-1KV10000	FF103J03	10000	1000	.820	.910	.420	21.66	14.44	11.99

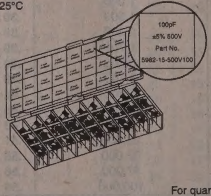
DIPPED MICA CAPACITOR KIT

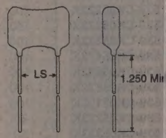
Specifications:

- Designed for engineers, prototype and repair benches, school labs, short production runs, and hobbyists
- No guesswork. Our kits spell out exactly what you get
- Production quantities of all listed components are in stock. Call for quote.
- Fully assembled and keyed for easy use
- Tolerance: J=5%
- Temperature range: -55°C to +125°C
- Voltage range: 300, 500, WVDC
- Vibration test: 10-2000Hz
- 24 values: 1-2000pF
- 120 pieces

NEW!

Lead Spacing (In.)	
CD5	- .120
CD10	- .141
CD15	- .234
CD19	- .344





For quantities greater than listed, call for quot

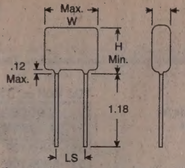
MOUSER STOCK NO.	Mfr's Type	Quantity Per Value	WVDC	Values (pF)	Price Each
370-5982-1	CD5	5	300V	1, 2, 3	86.25
	CD10	5	500V	5, 10, 22, 33, 39	
	CD15	5	500V	47, 56, 75, 100, 220	
	CD19	5	500V	270, 330, 390, 470, 560, 680, 820, 1000, 1200, 1500, 2000	

Polypropylene and Polystyrene Capacitors

XICON™ POLYPROPYLENE FILM CAPACITORS

onstructed with polypropylene film dielectric in a non-inductive
rm. They feature low dissipation factor, high insulation resis-
ance, fire retardant coating, and welded leads.

pecifications:
- Operating temperature: -40°C to +85°C
- Test voltage: WVDC x 2.0
- Insulation resistance: 30GΩ



DIMENSIONS (IN.)

10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	WVDC	Dimensions (In.) W	H	T	LS	Price Each 1	100	500	1000
140-PD630K102	.001	630	.52	.40	.24	.40	.33	.21	.19	.17
140-PD630K152	.0015	630	.48	.32	.22	.43	.33	.21	.19	.17
140-PD630K222	.0022	630	.45	.32	.18	.43	.33	.21	.19	.17
140-PD400K332	.0033	400	.38	.39	.27	.43	.29	.20	.17	.16
140-PD400K472	.0047	400	.52	.44	.30	.40	.29	.20	.17	.16
140-PD400K682	.0068	400	.47	.32	.20	.43	.29	.20	.17	.16
140-PD400K103	.010	400	.52	.48	.34	.40	.29	.20	.17	.16
140-PD250K153	.015	250	.52	.46	.32	.40	.29	.20	.17	.16
1431-2223K	.022	250	.71	.39	.26	.43	.29	.20	.17	.16
1431-2333K	.033	250	.75	.52	.34	.59	.29	.20	.17	.16
1431-2473K	.047	250	.75	.52	.30	.59	.33	.21	.19	.17
1431-2563K	.056	250	.75	.46	.26	.59	.38	.25	.23	.20
140-PD250K683	.068	250	.75	.61	.40	.59	.38	.25	.23	.20
1431-2104K	.1	250	.95	.67	.46	.79	.51	.33	.30	.27
140-PD250K154	.15	250	.95	.71	.50	.79	.54	.35	.32	.28
140-PD250K224	.22	250	.95	.79	.57	.79	.62	.41	.38	.34

5% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	WVDC	W	H	T	LS	1	100	500	1000
140-PD400J103	.01	400	.52	.48	.34	.40	.34	.23	.20	.18
1431-2104J	.1	250	.95	.67	.46	.79	.51	.33	.30	.27
140-PD250J474	.47	250	1.14	.95	.51	1.04	.85	.77	.70	.63

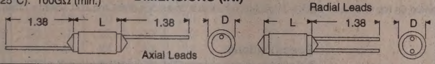
% POLYSTYRENE FILM CAPACITORS

omprised of polystyrene dielectric material fused to foil, these capacitors are highly resistant to humidity and provide
cellent capacitance stability.

pecifications:
- ±5% tolerance
- Dissipation factor (@ 100KHz): DF < 0.1% C ≥ 330pF
  - Q > 1000 C < 330pF
- Operating temperature: -10°C to +70°C
- Temperature coefficient: N150 ±ppm/°C
- Insulation resistance (@ 25°C): 100GΩ (min.)
- 50 WVDC

Features:
- Excellent electrical characteristics
- High reliability and stability
- Low temperature coefficients
- Small dissipation factor

DIMENSIONS (IN.)



xial Leads

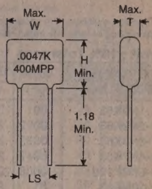
MOUSER STOCK NO.	Value	D x L (In.)	Price Each 1	100	500	1000
23PS110	100pF	.22 x .47	.17	.10	.09	Call For Quote
23PS112	120pF	.22 x .47	.17	.10	.09	
23PS115	150pF	.22 x .47	.17	.10	.09	
23PS118	180pF	.22 x .47	.17	.10	.09	
23PS122	220pF	.22 x .47	.17	.10	.09	
23PS127	270pF	.22 x .47	.17	.10	.09	
23PS133	330pF	.22 x .47	.17	.10	.09	
23PS139	390pF	.22 x .47	.17	.10	.09	
23PS147	470pF	.22 x .47	.17	.10	.09	
23PS156	560pF	.22 x .47	.17	.10	.09	
23PS168	680pF	.22 x .47	.17	.10	.09	
23PS182	820pF	.24 x .47	.17	.10	.09	
23PS210	1000pF	.24 x .47	.19	.11	.10	Call For Quote
23PS212	1200pF	.24 x .47	.20	.11	.10	
23PS215	1500pF	.24 x .47	.20	.11	.10	
23PS218	1800pF	.24 x .47	.20	.11	.10	
23PS220	2000pF	.26 x .47	.20	.11	.10	
23PS222	2200pF	.26 x .47	.20	.11	.10	
23PS227	2700pF	.28 x .47	.20	.11	.10	
23PS233	3300pF	.28 x .47	.20	.11	.10	
23PS239	3900pF	.29 x .47	.20	.11	.10	
23PS247	4700pF	.31 x .47	.20	.11	.10	
23PS250	5000pF	.31 x .47	.22	.13	.12	
23PS268	6800pF	.35 x .47	.22	.13	.12	
23PS282	8200pF	.37 x .47	.22	.13	.12	
23PS310	10,000pF	.39 x .47	.24	.14	.13	

adial Leads

MOUSER STOCK NO.	Value	D x L (In.)	1	100	500	1000
3PW156	560pF	.21 x .47	.17	.10	.09	Call For Quote
3PW210	1000pF	.24 x .47	.20	.10	.09	
3PW220	2000pF	.24 x .47	.22	.11	.10	
3PW222	2200pF	.26 x .47	.22	.11	.10	
3PW233	3300pF	.28 x .47	.23	.13	.11	
3PW247	4700pF	.31 x .47	.23	.13	.11	
3PW250	5000pF	.31 x .47	.23	.13	.11	
3PW268	6800pF	.35 x .47	.23	.13	.11	
3PW310	10,000pF	.39 x .47	.24	.15	.13	

XICON™ 105°C METALLIZED POLYPROPYLENE CAPACITORS

These Xicon MPP Series capacitors feature non-inductive windings, copper clad steel leads, and environmentally resistive epoxy coatings for excellent electrical and mechanical performance. The non-inductive, polypropylene capacitor is especially suitable to telecommunication, industrial circuits, and data processing equipment where filtering, coupling, stable tuning, timing, or temperature compensation is required.



Specifications:
- Operating temperature: -55°C to +105°C
- Capacitance tolerance: ±10%
- Dissipation factor: 0.1% max @ 1KHz, 25°C
- Insulation resistance: C≤ .33µF, IR > 30GΩ
  C > .33µF, IR > 10GΩ

DIMENSIONS (IN.)

100 WVDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.) W	H	T	LS	Price Each 1	50	100	500
1429-1104	.1	.52	.48	.32	.40	.39	.26	.23	.21
1429-1474	.47	.71	.56	.36	.59	.63	.42	.38	.34

250 WVDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	W	H	T	LS	1	50	100	500
1429-2223	.022	.44	.36	.24	.40	.34	.23	.21	.19
1429-2333	.033	.44	.36	.24	.40	.38	.25	.23	.21
1429-2473	.047	.52	.42	.22	.40	.41	.27	.24	.22
1429-2104	.1	.52	.50	.32	.40	.56	.37	.34	.31
1429-2224	.22	.71	.57	.34	.59	.59	.39	.36	.33
1429-2334	.33	.71	.59	.36	.59	.86	.62	.56	.51
1429-2474	.47	.91	.63	.40	.79	.92	.71	.65	.58
1429-2105	1.0	1.22	.73	.44	1.09	1.05	.81	.74	.67
1429-2225	2.2	1.22	.83	.57	1.09	1.63	1.25	1.14	1.03
1429-2475	4.7	1.46	1.07	.71	1.28	3.49	2.91	2.65	2.41

400 WVDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	W	H	T	LS	1	50	100	500
1429-4472	.0047	.44	.35	.24	.40	.33	.22	.20	.18
1429-4103	.01	.52	.35	.20	.40	.35	.24	.21	.19
1429-4473	.047	.52	.50	.30	.40	.48	.32	.29	.26
1429-4104	.1	.71	.53	.33	.59	.63	.42	.38	.34

630 WVDC

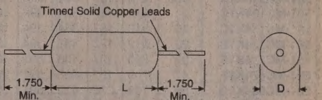
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	W	H	T	LS	1	50	100	500
1429-6102	.001	.44	.36	.24	.40	.44	.29	.25	.22
1429-6222	.0022	.44	.36	.24	.40	.44	.29	.25	.22
1429-6472	.0047	.52	.40	.24	.40	.44	.29	.25	.22
1429-6103	.01	.52	.42	.26	.40	.46	.30	.26	.24
1429-6223	.022	.52	.44	.28	.40	.48	.32	.29	.26
1429-6104	.1	.91	.63	.40	.79	.73	.48	.44	.40
1429-6224	.22	1.22	.75	.46	1.09	.88	.67	.61	.56
1429-6474	.47	1.22	.87	.61	1.09	1.43	1.19	1.08	.99

CDE CORNELL DUBILIER METALLIZED POLYPROPYLENE 935 SERIES

Designed for 20 - 100K Hz switcher power supply input filtering, D-C blocking, and output filter applications where high current, high capacitance and low ESR values are important.

Specifications:
- Tolerance: ±10%
- Temperature range: -55°C to 105°C
- Voltage range: 100, 200, and 400 VDC
- Maximum DF (1K Hz, +25°C): 0.1%



DIMENSIONS (IN.)

100 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type 935	Value (µF)	Dimensions (In.) Max. D	Tol. ±	L	Price Each 1	25	50	100
5984-100V1	C1W1K	1	0.469	.062	0.750	7.36	6.14	4.91	3.68
5984-100V2	C1W2K	2	0.534	.062	0.938	9.68	8.07	6.46	4.84
5984-100V3	C1W3K	3	0.624	.093	0.938	11.67	9.73	7.78	5.84
5984-100V5	C1W5K	5	0.640	.093	1.250	15.72	13.10	10.48	7.86
5984-100V10	C1W10K	10	0.805	.093	1.500	27.39	22.83	18.26	13.70
5984-100V20	C1W20K	20	0.875	.125	2.250	39.06	32.55	26.04	19.53
5984-100V30	C1W30K	30	1.075	.125	2.250	51.86	43.22	34.57	25.93

200 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type 935	Value (µF)	D	Tol. ±	L	1	25	50	100
5984-200V1	C2W1K	1	0.450	.062	1.250	8.62	7.19	5.75	4.31
5984-200V2	C2W2K	2	0.605	.093	1.250	11.01	9.18	7.34	5.51
5984-200V3	C2W3K	3	0.654	.093	1.500	12.60	10.50	8.40	6.30
5984-200V5	C2W5K	5	0.769	.093	1.750	19.43	16.19	12.95	9.72
5984-200V10	C2W10K	10	0.905	.125	2.250	36.87	30.73	24.58	18.44
5984-200V20	C2W20K	20	1.315	.125	2.250	50.40	42.00	33.60	25.20

400 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type 935	Value (µF)	D	Tol. ±	L	1	25	50	100
5984-400V1	C4W1K	1	0.620	.093	1.500	10.15	8.46	6.76	5.07
5984-400V2	C4W2K	2	0.802	.093	1.750	12.60	10.50	8.40	6.30
5984-400V3	C4W3K	3	0.961	.125	1.750	15.72	13.10	10.48	7.86
5984-400V5	C4W5K	5	1.067	.125	2.250	19.96	16.64	13.31	9.98
5984-400V10	C4W10K	10	1.543	.125	2.250	25.20	21.00	16.80	12.60

% POLYSTYRENE FILM APACITOR KITS

atures:
- 10 each of 12 values each kit ±5%
- 50 WVDC
- Axial leads

MOUSER STOCK NO.	Pieces in Each Kit	Description	Price Each
370-PS1	120	**10 ea.:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820 pF	24.95
370-PS2	120	**10 ea.:** .001, .0012, .0015, .0018, .002, .0022, .0027, .0033, .0039, .005, .0068, .01 µF	24.95

Metallized Polyester Film Capacitors

THOMSON PASSIVE COMPONENTS BF SERIES MULTILAYER FILM CAPACITORS

The Thomson multilayer film capacitors are a fully automated line of metallized miniature polyester film capacitors, featuring a proprietary multilayer film construction. These capacitors are especially well suited for printed circuits, coupling and decoupling of logic integrated circuits, filtering, timing, bypass, or in space-limited applications.

63 Volt ±10% Tolerance

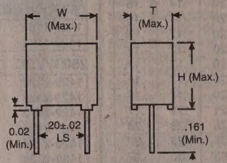
MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		W	T	H	1	100	500	1000
581-1N0K63	.001	.295	.098	.256	.25	.18	.15	Call For Quote
581-2N2K63	.0022	.295	.098	.256	.30	.21	.18	
581-3N3K63	.0033	.295	.098	.256	.30	.21	.18	
581-4N7K63	.0047	.295	.098	.256	.25	.18	.15	
581-6N8K100	.0068	.295	.098	.256	.30	.21	.18	
581-10NK63	.01	.295	.098	.256	.25	.18	.15	
581-15NK100	.015	.295	.098	.256	.30	.21	.18	
581-22NK63	.022	.295	.098	.256	.29	.21	.17	
581-33NK63	.033	.295	.098	.256	.31	.22	.19	
581-47NK63	.047	.295	.098	.256	.32	.23	.19	
581-68NK63	.068	.295	.098	.256	.34	.24	.20	Call For Quote
581-100NK63	.1	.295	.098	.315	.34	.24	.20	
581-150NK63	.15	.295	.126	.315	.47	.34	.28	
581-220NK63	.22	.295	.126	.315	.57	.42	.34	
581-330NK63	.33	.295	.197	.315	.62	.44	.37	
581-470NK63	.47	.295	.197	.315	.89	.63	.52	
581-1000NK63	1.0	.295	.236	.378	1.46	1.03	.86	

63 Volt ±5% Tolerance

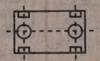
MOUSER STOCK NO.	Value (µF)	W	T	H	1	100	500	1000
581-1N0J63	.001	.295	.098	.256	.28	.20	.17	Call For Quote
581-10NJ63	.01	.295	.098	.256	.28	.20	.17	
581-100NJ63	.1	.295	.098	.256	.34	.25	.21	
581-330NJ63	.33	.295	.197	.315	.60	.45	.40	
581-470NJ63	.47	.295	.197	.315	.65	.50	.45	
581-1000NJ63	1.0	.295	.236	.378	.80	.60	.52	

The industry standard upgrade for CK05 type ceramic capacitors

Features:
- Space-saving multilayer film construction
- Superior electrical characteristics
- Recommended soldering conditions are: 260°C for 5 seconds



DIMENSIONS (IN.)



100 Volt ±10% Tolerance

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		W	T	H	1	100	500	1000
581-1N5K100	.0015	.295	.098	.256	.30	.21	.18	Call For Quote
581-6N8K100	.0068	.295	.098	.256	.30	.21	.18	
581-15NK100	.015	.295	.098	.256	.30	.21	.18	
581-100NK100	.1	.295	.126	.315	.34	.25	.21	

100 Volt ±5% Tolerance

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		W	T	H	1	100	500	1000
581-100NJ100	.1	.295	.126	.315	.30	.22	.19	Call

∗ Derated @ 1.25% per °C from +85°C to 100°C

Rated voltage	V_R	63 or 100 VDC
Test voltage	V_t	1.6V_R
Permissible AC voltage @ 60Hz	V_{RMS}	.64 V_R
Operating temperature range	°C	.55°C to +100°C ∗
Temperature coefficient	$\frac{\Delta C}{C}$	±5% (-55°C to +100°C)
Dissipation factor	DF	<0.8% @ 1KHz
Insulation resistance @ 25°C	IR	>10 GΩ typical (4G Ω min.)
Stability @ 100 °C for 1000 hours	$\frac{\Delta C}{C}$	≤8% @ 85°C and 1.2V_R
Humidity test	95% RH for 21 days @ 40°C with no voltage applied	

Metallized Polyester Film Capacitor Kit

MOUSER STOCK NO.	Type	# Of Pieces	Range Of Values	Description	Price Each
581-BFKIT	Metallized ±10%, 63 volt	15 of each value	1000PF - .33µF	1000PF, 2200PF, 3300PF, 4700PF, 6800PF, .01µF, .022µF, .033µF, .047µF, .068µF, .1µF, .22µF, .33µF	29.95
	Metallized ±10%, 63 volt	10 of each value	.47µF and 1.0µF	.47µF and 1.0µF	
	Metallized ±10%, 100 volt	15 of each value	1500PF - .1µF	1500PF, .015µF, .1µF	

THOMSON PASSIVE COMPONENTS MC SERIES ENCAPSULATED METALLIZED POLYESTER CAPACITORS

MC series metallized polyester film capacitors have a molded, flame retardant case with epoxy fill. All capacitors are marked on top of case in black with capacitance value, tolerance code and D.C. voltage. They have excellent capacity stability over a wide temperature range and are ideally suited for industrial and commercial equipment.

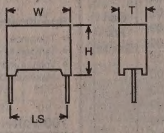
100 Volt ±10% Tolerance

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		W	T	H	LS	1	100	500	1000
581-MC472K6C	.0047	.512	.157	.354	.394	.23	.19	.17	Call For Quote
581-MC103K6C	.01	.512	.157	.354	.394	.23	.19	.17	
581-MC223K4C	.022	.512	.157	.354	.394	.23	.19	.17	
581-MC473K2C	.047	.512	.157	.354	.394	.23	.19	.17	
581-MC683K1B	.068	.413	.157	.354	.295	.23	.19	.17	
581-MC104K1C	.1	.512	.157	.354	.394	.23	.19	.17	
581-MC154K1C	.15	.512	.157	.354	.394	.26	.22	.19	
581-MC224K1D	.22	.512	.197	.433	.394	.31	.26	.23	
581-MC334K1F	.33	.709	.197	.433	.591	.39	.32	.29	Call For Quote
581-MC474K1F	.47	.709	.197	.433	.591	.49	.41	.36	
581-MC684K1G	.68	.709	.236	.472	.591	.68	.56	.50	
581-MC105K1H	1.0	.709	.295	.531	.591	.88	.73	.65	

250 Volt ±10% Tolerance

MOUSER STOCK NO.	Value (µF)	W	T	H	LS	1	100	500	1000
581-MC472K6C	.0047	.512	.157	.354	.394	.23	.19	.17	Call For Quote
581-MC103K6C	.01	.512	.157	.354	.394	.23	.19	.17	
581-MC223K4C	.022	.512	.157	.354	.394	.23	.19	.17	
581-MC473K2C	.047	.512	.157	.354	.394	.23	.19	.17	
581-MC104K2D	.1	.512	.197	.433	.394	.27	.22	.20	

DIMENSIONS (IN.)



Specifications:
- Operating temperature: -55°C to +100°C derated @ 1.25% per °C from +85°C to +100°C
- Insulation resistance: ≥30,000 MΩ for C≤.33µF and V_R >100VDC
  ≥10,000 MΩ for C≥.33µF and V_R ≥ 100VDC
  ≥10,000 MΩ for V_R≥100VDC
- DF <1% at 1KHz @ 25°C

400 Volt ±10% Tolerance

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		W	T	H	LS	1	100	500	1000
581-MC472K6C	.0047	.512	.157	.354	.394	.23	.19	.17	Call For Quot
581-MC103K6C	.01	.512	.157	.354	.394	.23	.19	.17	
581-MC223K4C	.022	.512	.157	.354	.394	.23	.19	.17	
581-MC473K4D	.047	.512	.197	.433	.394	.25	.21	.19	
581-MC683K4F	.068	.709	.197	.433	.591	.26	.22	.20	
581-MC104K4G	.1	.709	.236	.472	.591	.30	.25	.22	

630 Volt ±10% Tolerance

MOUSER STOCK NO.	Value (µF)	W	T	H	LS	1	100	500	1000
581-MC472K6C	.0047	.512	.157	.354	.394	.23	.19	.17	Call For Quot
581-MC103K6C	.01	.512	.157	.354	.394	.23	.19	.17	
581-MC333K6F	.033	.709	.197	.433	.591	.25	.19	.17	
581-MC104K6J	.1	1.04	.236	.591	.787	.47	.39	.34	

XICON™ METALLIZED POLYESTER BOX CAPACITORS

These Xicon box case capacitors feature non-inductive windings, copper clad steel leads, and epoxy seals for reliable electrical and mechanical performance. They are well suited to telecommunications, industrial circuits, and data processing equipment where filtering, coupling, decoupling, or timing is required.

- Operating temperature: -40°C to +85°C
- Dissipation factor: 1% max. @ 1KHz, 25°C
- Insulation resistance: (IR): C≤.33µF,IR>30GΩ, C>.33µF, IR>10G
- Yellow, flame retardant plastic box

100 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

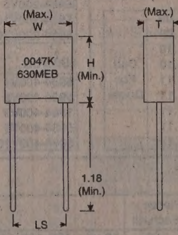
MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		W	H	T	LS	1	100	500	1000
1430-1683	.068	.42	.46	.16	.30	.22	.18	.16	.15
1430-1104	.1	.52	.46	.16	.40	.22	.18	.16	.15
1430-1154	.15	.52	.44	.20	.40	.23	.18	.17	.16
1430-1224	.22	.52	.48	.24	.40	.24	.19	.18	.17
1430-1334	.33	.52	.48	.24	.40	.29	.24	.22	.20
1430-1474	.47	.71	.48	.24	.59	.41	.32	.28	.25
1430-1684	.68	.71	.48	.24	.59	.49	.36	.33	.30
1430-1105	1.0	.71	.53	.30	.59	.62	.49	.43	.39
1430-1225	2.2	1.05	.69	.34	.89	1.15	.92	.78	.71
1430-1475	4.7	1.26	.79	.44	1.09	1.83	1.47	1.25	1.14

250 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	W	H	T	LS	1	100	500	1000
1430-2473	.047	.52	.36	.16	.40	.20	.17	.15	.14
1430-2104	.1	.52	.44	.20	.40	.23	.18	.16	.15
1430-2224	.22	.71	.48	.24	.59	.31	.24	.22	.20
1430-2474	.47	1.05	.59	.24	.89	.45	.36	.32	.29
1430-2105	1.0	1.05	.69	.34	.89	.82	.66	.53	.48

DIMENSIONS (IN.)



400 Volt ±10% Tolerance

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		W	H	T	LS	1	100	500	1000
1430-4223	.022	.52	.44	.20	.40	.19	.16	.15	.14
1430-4473	.047	.52	.48	.24	.40	.25	.21	.19	.18
1430-4683	.068	.71	.44	.20	.59	.25	.21	.20	.19
1430-4104	.1	.71	.48	.24	.59	.35	.27	.25	.23
1430-4224	.22	1.05	.59	.24	.89	.51	.42	.39	.36

630 Volt ±10% Tolerance

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Value (µF)	W	H	T	LS	1	100	500	1000
1430-6102	.001	.52	.44	.20	.40	.21	.17	.16	.15
1430-6222	.0022	.52	.44	.20	.40	.21	.17	.16	.15
1430-6472	.0047	.52	.44	.20	.40	.21	.17	.16	.15
1430-6103	.01	.52	.44	.20	.40	.21	.17	.16	.15
1430-6223	.022	.52	.44	.20	.40	.22	.20	.18	.17
1430-6333	.033	.52	.48	.24	.40	.25	.23	.21	.20
1430-6473	.047	.71	.48	.24	.59	.28	.26	.24	.22
1430-6104	.1	.71	.57	.34	.59	.39	.35	.32	.29

XICON™ Polyester Capacitors

METALLIZED POLYESTER CAPACITORS

eatures:

Non-inductive construction
Self-healing characteristics
High stability
Efficient capacitance to volume packaging
Protective conformal epoxy coating

Specifications:

- Operating temperature: -40°C to 85°C with no voltage derating
- Dissipation factor: maximum 1% @ 1KHz, 20°C
- Dielectric strength: 150% of working voltage for 1 minute

250V ± 10% Tolerance For quantities greater than listed, call for quote.

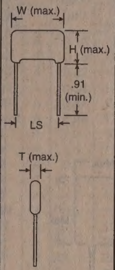
MOUSER STOCK NO.	Value (µF)	Dimensions (In.) W	H	T	LS	Price Each 1	100	500	1000
146-250V.01K	.01	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.012K	.012	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.015K	.015	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.018K	.018	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.022K	.022	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.027K	.027	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.033K	.033	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.039K	.039	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.047K	.047	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.056K	.056	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.068K	.068	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.082K	.082	.50	.36	.20	.40	.20	.15	.14	.13
146-250V.1K	.1	.50	.36	.20	.40	.21	.16	.14	.13
146-250V.12K	.12	.50	.38	.22	.40	.22	.17	.16	.14
146-250V.15K	.15	.50	.40	.24	.40	.23	.17	.16	.15
146-250V.18K	.18	.71	.40	.22	.60	.26	.20	.19	.17
46-250V.22K	.22	.71	.44	.24	.60	.28	.21	.20	.18
46-250V.27K	.27	.71	.48	.26	.60	.31	.24	.22	.20
46-250V.33K	.33	.71	.52	.28	.60	.34	.26	.24	.22
46-250V.39K	.39	.71	.56	.30	.60	.37	.28	.26	.23
46-250V.47K	.47	.91	.58	.32	.79	.39	.30	.28	.25
46-250V.56K	.56	.91	.52	.28	.79	.42	.33	.30	.27
46-250V.68K	.68	.91	.56	.30	.79	.46	.36	.33	.30
46-250V.82K	.82	.91	.60	.32	.79	.51	.39	.36	.33
46-250V1.0K	1.0	.91	.63	.36	.79	.56	.43	.40	.36
46-250V1.2K	1.2	.91	.67	.40	.79	.66	.51	.46	.42
46-250V1.5K	1.5	1.22	.67	.36	1.06	.75	.58	.53	.48
46-250V1.8K	1.8	1.22	.71	.38	1.06	.85	.66	.60	.55
46-250V2.2K	2.2	1.22	.75	.40	1.06	.95	.73	.67	.61
46-250V2.7K	2.7	1.22	.81	.46	1.06	1.17	.90	.83	.75
46-250V3.3K	3.3	1.22	.87	.54	1.06	1.41	1.09	.99	.91
46-250V3.9K	3.9	1.22	.87	.54	1.06	1.66	1.27	1.17	1.06
46-250V4.7K	4.7	1.22	.87	.54	1.06	1.79	1.38	1.26	1.15

00V ±10% Tolerance For quantities greater than listed, call for quote.

46-400V.01K	.01	.50	.36	.20	.40	.29	.21	.19	.17
46-400V.015K	.015	.50	.40	.22	.40	.29	.21	.19	.17
46-400V.022K	.022	.50	.44	.24	.40	.32	.23	.21	.18
46-400V.033K	.033	.71	.44	.24	.60	.35	.22	.20	.19
46-400V.047K	.047	.71	.48	.26	.60	.36	.24	.22	.20
46-400V.068K	.068	.71	.52	.28	.60	.45	.30	.27	.25
46-400V.1K	.1	.91	.52	.28	.79	.51	.33	.30	.27
46-400V.15K	.15	.91	.60	.34	.79	.59	.39	.35	.32
46-400V.22K	.22	.91	.65	.38	.79	.71	.47	.43	.39
46-400V.33K	.33	.91	.64	.36	.80	.82	.55	.49	.45
46-400V.47K	.47	.91	.72	.44	.80	.99	.68	.61	.55
46-400V2.2K	2.2	1.22	1.06	.71	1.06	2.94	1.99	1.36	1.13

30V ±10% Tolerance For quantities greater than listed, call for quote.

46-630V.01K	.01	.50	.38	.22	.40	.32	.22	.20	.18
46-630V.015K	.015	.50	.40	.22	.40	.32	.22	.20	.18
46-630V.022K	.022	.50	.44	.26	.40	.38	.25	.23	.21
46-630V.033K	.033	.71	.48	.26	.60	.41	.27	.24	.22
46-630V.047K	.047	.71	.48	.26	.60	.42	.28	.26	.23
46-630V.068K	.068	.71	.52	.28	.60	.53	.35	.32	.29
46-630V.1K	.1	.91	.52	.28	.79	.62	.41	.38	.34
46-630V.15K	.15	.91	.60	.34	.79	.73	.49	.44	.40
46-630V.22K	.22	.91	.73	.38	.79	.94	.63	.57	.52
46-630V.33K	.33	1.22	.73	.38	1.06	1.09	.73	.66	.60
46-630V.47K	.47	1.22	.86	.48	1.06	1.43	.96	.87	.79
46-630V1.0K	1.0	1.22	1.07	.71	1.06	2.83	1.89	1.31	1.09



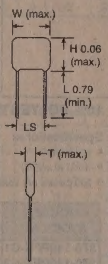
UB-MINIATURE POLYESTER FILM (MYLAR) CAPACITORS

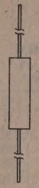
ecifications:

Temp. stability: +5% ~ -2% capacitance change @ +85°C
0% ~ -5% capacitance change @ -40°C
- Dissipation factor: 1% max. (1KHz)

0V ±10% Tolerance For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.) W	H	T	LS	Price Each 1	100	500	1000
0-PM2A102K	.001	.22	.30	.12	.14	.12	.07	.055	.050
0-PM2A202K	.002	.22	.30	.12	.14	.12	.07	.055	.050
0-PM2A222K	.0022	.22	.30	.12	.14	.12	.07	.052	.050
0-PM2A332K	.0033	.24	.30	.12	.14	.12	.07	.055	.050
0-PM2A472K	.0047	.24	.30	.12	.14	.12	.07	.055	.050
0-PM2A502K	.005	.24	.30	.12	.14	.12	.07	.055	.050
0-PM2A103K	.01	.24	.30	.14	.14	.13	.08	.066	.060
0-PM2A203K	.02	.26	.35	.14	.14	.14	.09	.073	.066
0-PM2A223K	.022	.26	.35	.14	.14	.14	.09	.073	.066
0-PM2A333K	.033	.26	.35	.16	.14	.15	.10	.078	.071
0-PM2A473K	.047	.30	.37	.16	.20	.17	.11	.092	.084
0-PM2A503K	.05	.30	.37	.18	.20	.20	.12	.10	.091
0-PM2A104K	.1	.33	.45	.24	.20	.26	.16	.13	.12
0-PM2A224K	.22	.45	.51	.28	.30	.36	.22	.19	.17
0-PM2A474K	.47	.51	.61	.32	.25	.63	.39	.35	.30





METALLIZED POLYESTER FILM CAPACITORS

Specifications:

- Operating temp: -40°C to +85°C
- Test voltage: 750V
- Non-inductive and self healing

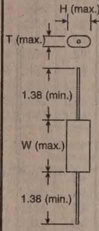
250V ± 10% Tolerance For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.) D	L	Price Each 1	100	500	1000
23ME310	.01	.22	.56	.31	.24	.22	.20
23ME322	.022	.22	.56	.31	.24	.22	.20
23ME347	.047	.22	.56	.31	.24	.22	.20
23ME368	.068	.22	.56	.31	.24	.22	.20
23ME410	.1	.24	.56	.36	.25	.23	.21
23ME415	.15	.26	.56	.39	.26	.24	.22
23ME422	.22	.28	.76	.43	.32	.29	.26
23ME433	.33	.32	.76	.46	.35	.32	.29
23ME447	.47	.36	.76	.55	.40	.36	.33
23ME468	.68	.36	1.00	.64	.57	.52	.47
23ME510	1.0	.42	1.00	.87	.64	.58	.53
23ME520	2.0	.56	1.28	1.22	1.06	.96	.87
23ME522	2.2	.56	1.28	1.22	1.06	.96	.87

METALLIZED POLYESTER FILM CAPACITORS

Specifications:

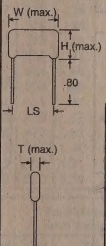
- Operating temp.: -40°C to +85°C
- Test voltage: WV x 1.6
- Test voltage: WV x 1.6
- Insulation resistance: 10 GΩ
- Non-inductive and self healing



± 10% Tolerance For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	WVDC	Dimensions (In.) W	H	T	Price Each 1	100	500	1000
23MA347	.047	400V	.56	.34	.18	.42	.28	.25	.23
23MA368	.068	400V	.75	.36	.20	.42	.28	.25	.23
23MA410	.1	250V	.56	.34	.18	.42	.28	.25	.23
23MA415	.15	250V	.56	.34	.18	.43	.31	.28	.25
23MA422	.22	250V	.56	.40	.24	.43	.31	.28	.25
23MA433	.33	250V	.75	.48	.26	.46	.37	.34	.31
23MA447	.47	250V	.75	.52	.28	.55	.43	.39	.35
23MA468	.68	250V	.99	.50	.26	.65	.55	.50	.45
23MA510	1.0	250V	.99	.56	.30	.87	.62	.56	.51
23MA515	1.5	250V	1.26	.63	.34	.97	.83	.75	.68
23MA522	2.2	250V	1.26	.71	.38	1.20	1.01	.95	.87

NON-INDUCTIVE POLYESTER FILM (MYLAR) CAPACITORS



Specifications:

- Operating temp: -40°C to +85°C

100V ± 10% Tolerance For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.) W	H	T	LS	Price Each 1	100	500	1000
23AB220	.002	.52	.36	.20	.40	.13	.09	.081	.074
23AB247	.0047	.52	.36	.20	.40	.13	.09	.081	.074
23AB250	.005	.52	.36	.20	.40	.13	.09	.081	.074
23AB320	.02	.52	.40	.24	.40	.17	.12	.106	.096
23AB322	.022	.52	.40	.24	.40	.17	.12	.106	.096
23AB347	.047	.52	.44	.26	.40	.21	.15	.14	.125
23AB350	.05	.52	.44	.26	.40	.21	.15	.14	.125
23AB368	.068	.52	.48	.28	.40	.23	.17	.15	.14

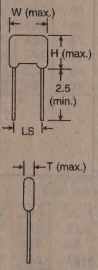
NON-INDUCTIVE POLYESTER FILM CAPACITORS

Features:

- High stability and reliability
- Excellent environmental performance
- Low ESR
- Non-inductive construction minimizes dissipation factor

Specifications:

- Operating temperature: -40°C ~ +85C
- Capacitance range: .001 ~ .47µF
- Rated voltage: 100VDC, 200VDC
- Dissipation factor: 0.8% max at 1KHz, 25°C
- Insulation resistance: >20,000MΩ (C≤.1µF), >2,000MΩ-µF (C> .1µF)



100V±10% Tolerance For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.) W	H	T	LS	Price Each 1	100	500	1000
1432-2102	.001	.4	.32	.2	.26	.156	.119	.108	.098
1432-2222	.0022	.4	.32	.2	.26	.156	.119	.108	.098
1432-2332	.0033	.4	.32	.2	.26	.156	.119	.108	.098
1432-2472	.0047	.4	.34	.2	.26	.162	.122	.111	.101
1432-2562	.0056	.4	.34	.2	.26	.166	.125	.114	.104
1432-1103	.01	.4	.32	.2	.26	.16	.12	.109	.099
1432-1223	.022	.44	.36	.24	.4	.17	.13	.114	.104
1432-1333	.033	.52	.4	.24	.4	.17	.13	.118	.108
1432-1473	.047	.52	.44	.26	.4	.18	.14	.125	.113
1432-1563	.056	.52	.44	.26	.4	.19	.15	.134	.122
1432-1683	.068	.52	.44	.26	.4	.22	.16	.149	.136
1432-1104	.1	.52	.52	.32	.4	.24	.18	.164	.149
1432-1224	.22	.76	.64	.34	.6	.28	.21	.193	.175
1432-1334	.33	.76	.72	.44	.6	.32	.24	.22	.198
1432-1474	.47	.8	.84	.44	.6	.36	.272	.248	.225

200V±10% Tolerance For quantities greater than listed, call for quote.

1432-2102	.001	.4	.32	.2	.26	.156	.119	.108	.098
1432-2222	.0022	.4	.32	.2	.26	.156	.119	.108	.098
1432-2332	.0033	.4	.32	.2	.26	.156	.119	.108	.098
1432-2472	.0047	.4	.34	.2	.26	.162	.122	.110	.101
1432-2562	.0056	.4	.34	.2	.26	.166	.125	.114	.104

XICON™ Polyester Capacitors

POLYESTER FILM (MYLAR) CAPACITORS

Specifications:

- Rating temperature: -40°C to +85°C
- Withstanding volts: 250% rated voltage (5 sec.)
- Insulation resistance: Not less than 30GΩ @ 1KHz, 20°C
- Dielectric dissipation factor: Max. 1.0% @ 1 KHz, 25°C
- Coating: Conformally coated with flame retardant epoxy resin

100 Volt ±2%

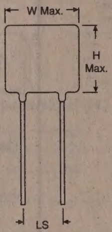
MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each				
		W	H	T	LS	1	100	500	1000	5000
140-PF2A102F	.001	.24	.41	.12	.14	.43	.30	.28	.27	Call
140-PF2A122F	.0012	.24	.41	.12	.14	.43	.30	.28	.27	For
140-PF2A152F	.0015	.24	.41	.12	.14	.43	.30	.28	.27	Quote
140-PF2A182F	.0018	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A202F	.002	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A222F	.0022	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A272F	.0027	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A302F	.003	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A332F	.0033	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A392F	.0039	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A472F	.0047	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A502F	.005	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A562F	.0056	.24	.41	.12	.14	.43	.30	.28	.27	
140-PF2A682F	.0068	.24	.41	.14	.14	.43	.30	.28	.27	Call
140-PF2A822F	.0082	.26	.41	.14	.14	.43	.30	.28	.27	For
140-PF2A103F	.01	.26	.47	.14	.14	.43	.30	.28	.27	Quote
140-PF2A123F	.012	.26	.47	.14	.14	.43	.30	.28	.27	
140-PF2A153F	.015	.28	.47	.14	.16	.43	.30	.28	.27	
140-PF2A183F	.018	.28	.47	.16	.16	.43	.30	.28	.27	
140-PF2A203F	.02	.28	.47	.16	.16	.48	.31	.29	.28	
140-PF2A223F	.022	.30	.47	.16	.16	.48	.31	.29	.28	
140-PF2A273F	.027	.30	.47	.16	.16	.48	.31	.29	.28	
140-PF2A303F	.03	.30	.47	.16	.16	.56	.41	.37	.34	
140-PF2A333F	.033	.31	.47	.20	.20	.56	.41	.37	.34	
140-PF2A393F	.039	.31	.51	.20	.20	.59	.42	.37	.36	
140-PF2A473F	.047	.33	.51	.20	.20	.63	.44	.38	.37	
140-PF2A503F	.05	.33	.51	.20	.20	.65	.46	.43	.40	
140-PF2A563F	.056	.35	.51	.20	.20	.65	.46	.43	.40	Call
140-PF2A683F	.068	.37	.51	.20	.30	.68	.52	.49	.46	For
140-PF2A823F	.082	.39	.51	.24	.30	.72	.56	.51	.50	Quote
140-PF2A104F	.1	.43	.55	.24	.30	.72	.64	.58	.57	

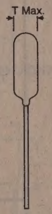
100 Volt ±3%

140-PF2A102G	.001	.24	.41	.12	.14	.39	.27	.25	.24	
140-PF2A222G	.0022	.24	.41	.12	.14	.39	.27	.25	.24	
140-PF2A472G	.0047	.24	.41	.12	.14	.39	.27	.25	.24	
140-PF2A103G	.01	.26	.47	.14	.14	.39	.27	.25	.24	Call
140-PF2A223G	.022	.30	.47	.16	.16	.43	.28	.26	.25	For
140-PF2A333G	.033	.31	.47	.20	.20	.55	.40	.36	.33	Quote
140-PF2A473G	.047	.33	.51	.20	.20	.56	.41	.37	.34	
140-PF2A683G	.068	.37	.51	.20	.30	.58	.49	.45	.41	
140-PF2A104G	.1	.43	.55	.24	.30	.63	.57	.52	.51	

100 Volt ±5%

140-PF2A102J	.001	.24	.41	.12	.14	.12	.07	.061	.053	Call
140-PF2A122J	.0012	.24	.41	.12	.14	.12	.07	.061	.053	For
140-PF2A152J	.0015	.24	.41	.12	.14	.12	.07	.061	.053	Quote
140-PF2A182J	.0018	.24	.41	.12	.14	.12	.07	.061	.053	
140-PF2A202J	.002	.24	.41	.12	.14	.12	.07	.061	.053	
140-PF2A222J	.0022	.24	.41	.12	.14	.12	.07	.061	.053	
140-PF2A272J	.0027	.24	.41	.12	.14	.12	.07	.061	.053	
140-PF2A302J	.003	.24	.41	.12	.14	.12	.07	.061	.053	
140-PF2A332J	.0033	.24	.41	.12	.14	.12	.07	.061	.053	
140-PF2A392J	.0039	.24	.41	.12	.14	.12	.07	.061	.053	
140-PF2A472J	.0047	.24	.41	.12	.14	.12	.07	.061	.053	Call
140-PF2A502J	.005	.24	.41	.12	.14	.12	.07	.061	.053	For
140-PF2A562J	.0056	.24	.41	.12	.14	.12	.07	.061	.053	Quote
140-PF2A682J	.0068	.24	.41	.14	.14	.12	.07	.061	.053	
140-PF2A822J	.0082	.26	.41	.14	.14	.12	.07	.061	.053	
140-PF2A103J	.01	.26	.47	.14	.14	.14	.08	.063	.057	
140-PF2A123J	.012	.26	.47	.14	.14	.14	.08	.063	.057	
140-PF2A153J	.015	.28	.47	.14	.16	.14	.08	.063	.057	
140-PF2A183J	.018	.28	.47	.16	.16	.14	.08	.063	.057	
140-PF2A203J	.02	.28	.47	.16	.16	.19	.10	.088	.058	
140-PF2A223J	.022	.30	.47	.16	.16	.19	.10	.088	.058	
140-PF2A273J	.027	.30	.47	.16	.16	.19	.10	.088	.058	Call
140-PF2A303J	.03	.30	.47	.16	.16	.20	.12	.092	.075	For
140-PF2A333J	.033	.31	.47	.20	.20	.20	.12	.092	.075	Quote
140-PF2A393J	.039	.31	.51	.20	.20	.20	.12	.092	.075	
140-PF2A473J	.047	.33	.51	.20	.20	.21	.13	.099	.081	





100 Volt ±5%

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each				
		W	H	T	LS	1	100	500	1000	5000
140-PF2A503J	.05	.33	.51	.20	.20	.21	.13	.099	.081	
140-PF2A563J	.056	.35	.51	.20	.20	.21	.13	.099	.081	Call
140-PF2A683J	.068	.37	.51	.20	.30	.22	.14	.11	.087	For
140-PF2A823J	.082	.39	.51	.24	.30	.22	.14	.13	.11	Quote
140-PF2A104J	.1	.43	.55	.24	.30	.22	.16	.14	.12	
140-PF2A124J	.12	.43	.55	.26	.30	.22	.16	.14	.12	
140-PF2A154J	.15	.47	.67	.28	.35	.27	.18	.17	.15	
140-PF2A184J	.18	.49	.67	.28	.35	.29	.20	.18	.16	
140-PF2A224J	.22	.51	.67	.30	.35	.34	.25	.22	.19	
140-PF2A274J	.27	.57	.71	.31	.35	.37	.26	.22	.20	Call
140-PF2A334J	.33	.57	.83	.33	.39	.42	.28	.25	.23	For
140-PF2A394J	.39	.59	.83	.35	.39	.47	.32	.29	.26	Quote
140-PF2A474J	.47	.63	.87	.35	.39	.59	.42	.37	.31	

50 Volt ±10%

140-PF1H102K	.001	.24	.41	.12	.14	.10	.052	.047	.043	Call
140-PF1H502K	.005	.24	.43	.12	.14	.10	.052	.047	.043	For
140-PF1H103K	.01	.26	.47	.14	.14	.11	.057	.052	.047	Quote
140-PF1H153K	.015	.28	.47	.14	.16	.11	.057	.052	.047	
140-PF1H203K	.02	.28	.47	.16	.16	.14	.067	.061	.055	
140-PF1H303K	.03	.30	.47	.16	.16	.15	.073	.066	.060	
140-PF1H473K	.047	.33	.51	.20	.20	.17	.085	.077	.070	
140-PF1H503K	.05	.33	.51	.20	.20	.17	.085	.077	.070	
140-PF1H104K	.1	.43	.55	.24	.30	.24	.12	.11	.10	Call
140-PF1H204K	.20	.49	.67	.28	.35	.36	.18	.15	.14	For
140-PF1H224K	.22	.51	.67	.30	.35	.36	.18	.15	.14	Quote
140-PF1H334K	.33	.57	.83	.33	.39	.38	.24	.22	.20	
140-PF1H474K	.47	.63	.87	.35	.39	.43	.27	.25	.23	

100 Volt ±10%

140-PF2A102K	.001	.24	.41	.12	.14	.10	.06	.049	.046	
140-PF2A152K	.0015	.24	.41	.12	.14	.10	.06	.049	.046	
140-PF2A202K	.002	.24	.41	.12	.14	.10	.06	.049	.046	
140-PF2A222K	.0022	.24	.41	.12	.14	.10	.06	.049	.046	
140-PF2A302K	.003	.24	.41	.12	.14	.10	.06	.049	.046	Call
140-PF2A332K	.0033	.24	.41	.12	.14	.10	.06	.049	.046	For
140-PF2A472K	.0047	.24	.41	.12	.14	.11	.06	.051	.047	Quote
140-PF2A502K	.005	.24	.41	.12	.14	.11	.06	.051	.047	
140-PF2A103K	.01	.26	.47	.14	.14	.12	.07	.054	.049	
140-PF2A153K	.015	.28	.47	.14	.16	.14	.07	.061	.055	
140-PF2A203K	.02	.28	.47	.16	.16	.14	.08	.066	.055	
140-PF2A223K	.022	.30	.47	.16	.16	.14	.08	.066	.055	
140-PF2A303K	.03	.30	.47	.16	.16	.16	.09	.07	.064	
140-PF2A333K	.033	.31	.47	.20	.20	.16	.09	.07	.064	
140-PF2A473K	.047	.33	.51	.20	.20	.17	.10	.08	.072	
140-PF2A503K	.05	.33	.51	.20	.20	.17	.10	.08	.072	
140-PF2A683K	.068	.37	.51	.20	.30	.20	.11	.087	.077	
140-PF2A104K	.1	.43	.55	.24	.30	.21	.14	.09	.085	Call
140-PF2A154K	.15	.47	.67	.28	.35	.26	.16	.13	.11	For
140-PF2A204K	.20	.49	.67	.28	.35	.32	.18	.14	.12	Quote
140-PF2A224K	.22	.51	.67	.30	.35	.32	.20	.15	.13	
140-PF2A334K	.33	.57	.83	.33	.39	.39	.25	.22	.20	
140-PF2A474K	.47	.63	.87	.35	.39	.73	.35	.32	.30	
140-PF2A504K	.5	.63	.87	.35	.39	.73	.35	.32	.30	
140-PF2A684K	.68	.65	.91	.45	.39	.73	.35	.32	.30	

200 Volt ±10%

140-PF2D102K	.001	.24	.47	.14	.14	.17	.078	.06	.055	Call
140-PF2D222K	.0022	.24	.47	.14	.14	.17	.078	.06	.055	For
140-PF2D472K	.0047	.26	.47	.14	.14	.17	.078	.06	.055	Quote
140-PF2D103K	.01	.33	.49	.18	.20	.17	.086	.07	.062	
140-PF2D153K	.015	.35	.51	.20	.20	.17	.086	.07	.068	
140-PF2D223K	.022	.39	.53	.22	.20	.19	.089	.071	.068	
140-PF2D473K	.047	.49	.61	.24	.30	.21	.089	.082	.078	
140-PF2D503K	.05	.51	.63	.26	.30	.24	.12	.11	.068	
140-PF2D104K	.1	.53	.79	.30	.30	.32	.19	.15	.12	Call
140-PF2D154K	.15	.63	.81	.37	.39	.37	.23	.17	.15	For
140-PF2D204K	.2	.63	.81	.41	.39	.50	.29	.22	.20	Quote
140-PF2D224K	.22	.71	.83	.43	.39	.51	.32	.23	.21	

400 Volt ±10%

140-PF2G102K	.001	.28	.49	.16	.14	.17	.10	.08	.066	
140-PF2G222K	.0022	.28	.49	.16	.14	.17	.10	.08	.066	
140-PF2G472K	.0047	.30	.51	.18	.14	.18	.10	.08	.066	
140-PF2G103K	.01	.35	.53	.20	.20	.18	.11	.09	.067	Call
140-PF2G203K	.02	.39	.55	.23	.20	.21	.11	.09	.079	For
140-PF2G223K	.022	.41	.59	.25	.20	.21	.11	.09	.079	Quote
140-PF2G503K	.05	.55	.65	.33	.30	.35	.17	.15	.13	
140-PF2G104K	.1	.63	.83	.39	.39	.42	.27	.21	.17	

POLYESTER FILM (MYLAR) CAPACITOR KITS

- 100 WVDC
- -40°C to +85°C
- Fully assembled and keyed for easy use

10% Tolerance

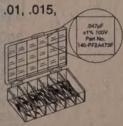
MOUSER STOCK NO.	Price Each
370-140PFK-1	23.95

10% Kit Contains: 175 pieces, 18 values
10 Each: .001, .0015, .002, .0022, .0033, .005, .01, .015, .02, .022, .033, .047, .05, .068, .1, .15, .22µF
5 Each: .47µF

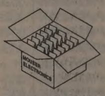
1% Tolerance

MOUSER STOCK NO.	Price Each
370-140PFF1	49.95

1% Kit Contains: 120 pieces
10 Each: .001, .0015, .0022, .0033, .0047, .01, .015, .022, .033, .047, .068, 1µF



10% POLYESTER FILM (MYLAR) CAPACITOR KITS



Specifications:

- 100 WVDC
- -40°C to +85°C
- 100 pieces per value

MOUSER STOCK NO.	Range Of Values (µF)	Pieces In Each Kit	Description	Price Each
370-140PFK-C1	.001-.005	600	**100 each:** .001, .0015, .002, .0022, .0033, .005	28.95
370-140PFK-C2	.01-.047	600	**100 each:** .01, .015, .02, .022, .033, .047	36.95
370-140PFK-C3	.05-.47	600	**100 each:** .05, .068, .1, .15, .22, .47	89.95
370-140PFK-C	.001-.47	1800	**100 each:** All values listed above	134.9

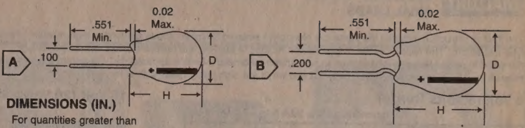
THOMSON PASSIVE COMPONENTS Tantalum Capacitors

POXY DIPPED SOLID TANTALUM CAPACITORS

pecifications:

DC leakage: 0.01CV or .5µA, whichever is greater
Operating temperature: -55°C to +85°C, Δ C/C ≤ 12%

- Reliability: 1% per 1000 hours @ +85°C with 0.1Ω series impedance
- Tolerance ±10%, ±20%



DIMENSIONS (IN.)

.3 Volt (8V Surge) ±10%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	100	500
581-0.1K35	A	0.10	.177	.296	.24	.15	.12
581-0.15K35	A	0.15	.177	.296	.24	.15	.12
581-0.22K35	A	0.22	.177	.315	.24	.15	.12
581-0.33K35	A	0.33	.177	.315	.24	.15	.12
581-0.47K35	A	0.47	.177	.315	.24	.15	.12
581-0.68K35V	A	0.68	.177	.276	.24	.15	.12
581-1.0K35	A	1.0	.197	.315	.24	.15	.12
581-1.5K25	A	1.5	.177	.315	.24	.15	.12
581-2.2K20	A	2.2	.197	.315	.24	.15	.12
581-3.3K16	A	3.3	.197	.315	.24	.15	.12
581-4.7K10V	A	4.7	.177	.276	.24	.15	.12
581-6.8K06	A	6.8	.197	.315	.24	.15	.12
581-10K06V	A	10	.177	.295	.33	.19	.15
581-15K06	A	15	.197	.374	.40	.22	.18
581-22K06	A	22	.217	.394	.46	.25	.20
581-33K06	A	33	.237	.414	.52	.31	.25
581-47K06V	A	47	.237	.394	.55	.38	.29
581-68K06	A	68	.276	.473	.83	.55	.43
581-100K06V	A	100	.276	.394	1.44	1.14	.89
581-220K06	B	220	.355	.591	3.59	2.76	2.16

Volt (13V Surge) ±10%

For quantities greater than listed, call for quote.

81-0.1K35	A	0.10	.177	.296	.24	.15	.12
81-0.15K35	A	0.15	.177	.296	.24	.15	.12
81-0.22K35	A	0.22	.177	.315	.24	.15	.12
81-0.33K35	A	0.33	.177	.315	.24	.15	.12
81-0.47K35	A	0.47	.177	.315	.24	.15	.12
81-0.68K35V	A	0.68	.177	.276	.24	.15	.12
81-1.0K35	A	1.0	.197	.315	.24	.15	.12
81-1.5K25	A	1.5	.177	.315	.24	.15	.12
81-2.2K20	A	2.2	.197	.315	.24	.15	.12
81-3.3K16	A	3.3	.197	.315	.24	.15	.12
81-4.7K10V	A	4.7	.177	.276	.24	.15	.12
81-6.8K10	A	6.8	.197	.315	.33	.19	.15
81-10K10	A	10	.197	.374	.40	.22	.18
81-15K10V	A	15	.197	.354	.46	.25	.20
81-22K10	A	22	.237	.414	.52	.31	.25
81-33K10V	A	33	.236	.394	.55	.38	.29
81-47K10	A	47	.276	.473	.83	.55	.43
81-68K10	A	68	.295	.512	1.44	1.14	.89
81-100K10V	B	100	.335	.551	1.71	1.37	1.20
81-150K10	B	150	.355	.591	3.59	2.76	2.16

16 Volt (20V Surge) ±10%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	100	500
581-0.1K35	A	0.10	.177	.296	.24	.15	.12
581-0.15K35	A	0.15	.177	.296	.24	.15	.12
581-0.22K35	A	0.22	.177	.315	.24	.15	.12
581-0.33K35	A	0.33	.177	.315	.24	.15	.12
581-0.47K35	A	0.47	.177	.315	.24	.15	.12
581-0.68K35V	A	0.68	.177	.276	.24	.15	.12
581-1.0K35	A	1.0	.197	.315	.24	.15	.12
581-1.5K25	A	1.5	.177	.315	.24	.15	.12
581-2.2K20	A	2.2	.197	.315	.24	.15	.12
581-3.3K16	A	3.3	.197	.315	.24	.15	.12
581-4.7K16	A	4.7	.197	.355	.33	.19	.15
581-6.8K16V	A	6.8	.197	.335	.40	.22	.18
581-10K16V	A	10	.197	.354	.46	.25	.20
581-15K16	A	15	.237	.433	.55	.38	.29
581-22K16V	A	22	.236	.394	.55	.38	.29
581-33K16	A	33	.276	.473	.83	.55	.43
581-47K16V	A	47	.315	.512	1.71	1.37	1.20
581-68K16	B	68	.335	.552	1.71	1.37	1.20
581-100K16	B	100	.355	.591	3.59	2.76	2.16

20 Volt (25V Surge) ±10%

For quantities greater than listed, call for quote.

581-0.1K35	A	0.10	.177	.296	.24	.15	.12
581-0.15K35	A	0.15	.177	.296	.24	.15	.12
581-0.22K35	A	0.22	.177	.315	.24	.15	.12
581-0.33K35	A	0.33	.177	.315	.24	.15	.12
581-0.47K35	A	0.47	.177	.315	.24	.15	.12
581-0.68K35V	A	0.68	.177	.276	.24	.15	.12
581-1.0K35	A	1.0	.197	.315	.24	.15	.12
581-1.5K25	A	1.5	.177	.315	.24	.15	.12
581-2.2K20	A	2.2	.197	.315	.24	.15	.12
581-3.3K20	A	3.3	.197	.355	.33	.19	.15
581-4.7K20	A	4.7	.197	.374	.40	.22	.18
581-6.8K20V	A	6.8	.197	.354	.46	.25	.20
581-10K20	A	10	.237	.414	.52	.31	.25
581-15K20	A	15	.256	.433	.55	.38	.29
581-22K20	A	22	.276	.473	.83	.55	.43
581-33K20	A	33	.295	.512	1.44	1.14	.89
581-47K20	B	47	.335	.552	1.71	1.37	1.20
581-68K20V	B	68	.355	.630	3.59	2.76	2.16

25 Volt (32V Surge) ±10%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	100	500
581-0.1K35	A	0.10	.177	.296	.24	.15	.12
581-0.15K35	A	0.15	.177	.296	.24	.15	.12
581-0.22K35	A	0.22	.177	.315	.24	.15	.12
581-0.33K35	A	0.33	.177	.315	.24	.15	.12
581-0.47K35	A	0.47	.177	.315	.24	.15	.12
581-0.68K35V	A	0.68	.177	.276	.24	.15	.12
581-1.0K35	A	1.0	.197	.315	.24	.15	.12
581-1.5K25	A	1.5	.177	.315	.24	.15	.12
581-2.2K25V	A	2.2	.177	.276	.24	.15	.12
581-3.3K25V	A	3.3	.177	.295	.33	.19	.15
581-4.7K25	A	4.7	.197	.374	.46	.25	.20
581-6.8K25	A	6.8	.217	.394	.49	.31	.25
581-10K25V	A	10	.217	.354	.55	.38	.29
581-15K25	A	15	.256	.433	.83	.55	.43
581-22K25	A	22	.295	.512	1.71	1.37	1.20
581-33K25V	B	33	.315	.512	1.71	1.37	1.20
581-47K25V	B	47	.354	.571	3.59	2.76	2.16

35 Volt (44V Surge) ±10%

For quantities greater than listed, call for quote.

581-0.1K35	A	0.10	.177	.296	.24	.15	.12
581-0.15K35V	A	0.15	.177	.276	.24	.15	.12
581-0.22K35	A	0.22	.177	.315	.24	.15	.12
581-0.33K35	A	0.33	.177	.315	.24	.15	.12
581-0.47K35	A	0.47	.177	.315	.24	.15	.12
581-0.68K35V	A	0.68	.177	.276	.24	.15	.12
581-1.0K35	A	1.0	.197	.315	.24	.15	.12
581-1.5K35	A	1.5	.197	.355	.33	.19	.15
581-2.2K35	A	2.2	.197	.374	.40	.22	.18
581-3.3K35V	A	3.3	.197	.335	.46	.25	.20
581-4.7K35	A	4.7	.237	.414	.52	.31	.25
581-6.8K35V	A	6.8	.237	.394	.55	.38	.29
581-10K35	A	10	.256	.433	.83	.55	.43
581-15K35V	A	15	.276	.394	1.71	1.37	1.20
581-22K35V	B	22	.335	.551	1.71	1.37	1.20
581-33K35	B	33	.355	.591	2.61	2.09	1.83

3 Volt (8.0V Surge) ±20%

For quantities greater than listed, call for quote.

MOUSER TOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	100	500
81-0.1M35	A	0.10	.177	.296	.22	.13	.11
81-0.22M35	A	0.22	.177	.315	.22	.13	.11
81-0.33M35	A	0.33	.177	.315	.22	.13	.11
81-0.47M35	A	0.47	.177	.315	.22	.13	.11
81-1.0M25	A	1.0	.177	.315	.22	.13	.11
81-2.2M16V	A	2.2	.177	.276	.22	.13	.11
81-3.3M10	A	3.3	.177	.315	.22	.13	.11
81-4.7M06V	A	4.7	.177	.276	.22	.13	.11
81-10M06	A	10	.197	.355	.30	.17	.14
81-22M06	A	22	.217	.394	.41	.23	.18
81-47M06V	A	47	.236	.394	.50	.34	.27
81-100M06V	A	100	.276	.394	1.30	.95	.80
81-220M06	B	220	.355	.591	3.23	2.48	1.94

Volt (13V Surge) ±20%

For quantities greater than listed, call for quote.

1-0.1M35	A	0.10	.177	.296	.22	.13	.11
1-0.22M35	A	0.22	.177	.315	.22	.13	.11
1-0.33M35	A	0.33	.177	.315	.22	.13	.11
1-0.47M35	A	0.47	.177	.315	.22	.13	.11
1-1.0M25	A	1.0	.177	.315	.22	.13	.11
1-2.2M16V	A	2.2	.177	.276	.22	.13	.11
1-3.3M10	A	3.3	.177	.315	.22	.13	.11
1-4.7M10V	A	4.7	.177	.276	.22	.13	.11
1-10M10	A	10	.197	.374	.36	.20	.16
1-22M10V	A	22	.217	.354	.47	.28	.23
1-33M10V	A	33	.236	.394	.50	.34	.27
1-47M10V	A	47	.256	.394	.75	.50	.39
1-100M10V	B	100	.335	.552	1.54	1.23	1.08
1-220M10	B	220	.374	.612	3.96	2.75	2.61

16 Volt (20V Surge) ±20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	100	500
581-0.1M35	A	0.10	.177	.296	.22	.13	.11
581-0.22M35	A	0.22	.177	.315	.22	.13	.11
581-0.33M35	A	0.33	.177	.315	.22	.13	.11
581-0.47M35	A	0.47	.177	.315	.22	.13	.11
581-1.0M25	A	1.0	.177	.315	.22	.13	.11
581-2.2M16V	A	2.2	.177	.276	.22	.13	.11
581-3.3M16	A	3.3	.197	.315	.22	.13	.11
581-4.7M16	A	4.7	.197	.355	.30	.17	.14
581-6.8M16V	A	6.8	.197	.335	.36	.20	.16
581-10M16V	A	10	.197	.354	.41	.23	.18
581-15M16	A	15	.237	.433	.50	.34	.27
581-22M16	A	22	.256	.433	.50	.34	.27
581-33M16V	A	33	.236	.394	.75	.50	.39
581-47M16	A	47	.295	.512	1.54	1.23	1.08
581-100M16	B	100	.355	.591	3.23	2.49	1.94

20 Volt (25V Surge) ±20%

For quantities greater than listed, call for quote.

581-0.1M35	A	0.10	.177	.296	.22	.13	.11
581-0.22M35	A	0.22	.177	.315	.22	.13	.11
581-0.33M35	A	0.33	.177	.315	.22	.13	.11
581-0.47M35	A	0.47	.177	.315	.22	.13	.11
581-1.0M25	A	1.0	.177	.315	.22	.13	.11
581-2.2M20	A	2.2	.197	.315	.22	.13	.11
581-3.3M25V	A	3.3	.177	.296	.30	.17	.14
581-4.7M25	A	4.7	.197	.374	.41	.23	.18
581-10M20	A	10	.237	.414	.47	.28	.23
581-47M20V	A	47	.335	.552	2.04	1.31	1.18
581-100M20	B	100	.374	.612	3.96	2.75	2.61

25 Volt (32V Surge) ±20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	100	500
581-0.1M35	A	0.10	.177	.296	.22	.13	.11
581-0.22M35	A	0.22	.177	.315	.22	.13	.11
581-0.33M35	A	0.33	.177	.315	.22	.13	.11
581-0.47M35	A	0.47	.177	.315	.22	.13	.11
581-1.0M25	A	1.0	.177	.315	.22	.13	.11
581-2.2M25V	A	2.2	.177	.276	.22	.13	.11
581-3.3M25V	A	3.3	.177	.296	.30	.17	.14
581-4.7M25	A	4.7	.197	.374	.41	.23	.18
581-10M25	A	10	.237	.433	.50	.34	.27

35 Volt (45V Surge) ±20%

581-0.1M35	A	0.10	.177	.296	.22	.13	.11
581-0.22M35	A	0.22	.177	.315	.22	.13	.11
581-0.33M35	A	0.33	.177	.315	.22	.13	.11
581-0.47M35	A	0.47	.177	.315	.22	.13	.11
581-1.0M35	A	1.0	.197	.315	.22	.13	.11
581-1.5M35	A	1.5	.197	.355	.30	.17	.14
581-2.2M35V	A	2.2	.177	.296	.36	.20	.16
581-3.3M35	A	3.3	.217	.394	.41	.23	.18
581-4.7M35V	A	4.7	.217	.355	.47	.28	.23
581-6.8M35	A	6.8	.237	.433	.55	.37	.33
581-10M35	A	10	.256	.433	.75	.50	.39
581-15M35V	A	15	.276	.394	1.54	1.23	1.08
581-22M35	B	22	.335	.552	1.54	1.23	1.08
581-33M35V	B	33	.354	.591	3.91	2.71	2.61
581-47M35V	B	47	.354	.630	3.96	2.75	2.61

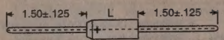
50 Volt (63V Surge) ±20%

581-0.1M50	A	0.10	.177	.296	.22	.13	.11
581-0.22M50V	A	0.22	.177	.276	.22	.13	.11
581-0.33M50	A	0.33	.177	.315	.22	.13	.11
581-0.47M50	A	0.47	.197	.315	.22	.13	.11
581-0.68M50	A	0.68	.197	.315	.22	.13	.11
581-1.0M50V	A	1.0	.197	.335	.28	.22	.18
581-2.2M50V	A	2.2	.217	.354	.45	.30	.27

Tantalum Capacitors

MALLORY MOLDED SOLID TANTALUM CAPACITORS
AXIAL LEADS

The TAC construction includes the same dry electrolyte sintered tantalum anode as used in high reliability military type capacitors. The capacitors are fully precision molded in high impact resistant epoxy cases specifically designed to close tolerance for adaption to high speed automatic insertion applications. Cases are tapered at the positive lead for quick polarity identification. Lead wires are high purity nickel with solder coating.



DIMENSIONS (IN.)

Specifications:
- Temperature range: -55°C to +125°C
- Capacitance tolerance: ±10%

6 Volt (8 Volts Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	Price Each		
			1	100	500
539-TAC50V104K	0.1	.095 x .260	.48	.32	.24
539-TAC50V224K	0.22	.095 x .260	.48	.32	.24
539-TAC35V474K	0.47	.095 x .260	.45	.30	.22
539-TAC20V105K	1.0	.095 x .260	.45	.30	.22
539-TAC35V155K	1.5	.110 x .290	.53	.35	.26
539-TAC15V225K	2.2	.095 x .260	.45	.30	.22
539-TAC35V335K	3.3	.180 x .345	.87	.67	.54
539-TAC6V475K	4.7	.095 x .260	.44	.29	.22
539-TAC15V685K	6.8	.110 x .290	.53	.35	.26
539-TAC10V106K	10	.110 x .290	.51	.34	.26
539-TAC10V226K	22	.180 x .345	.84	.56	.42
539-TAC15V336K	33	.180 x .420	.99	.66	.50
539-TAC10V476K	47	.180 x .420	.99	.66	.50
539-TAC20V107K	100	.300 x .710	4.89	3.43	2.58

10 Volt (13 Volts Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	1	100	500
539-TAC50V104K	0.1	.095 x .260	.48	.32	.24
539-TAC50V224K	0.22	.095 x .260	.48	.32	.24
539-TAC35V474K	0.47	.095 x .260	.45	.30	.22
539-TAC20V105K	1.0	.095 x .260	.45	.30	.22
539-TAC35V155K	1.5	.110 x .290	.53	.35	.26
539-TAC15V225K	2.2	.095 x .260	.45	.30	.22
539-TAC35V335K	3.3	.180 x .345	.87	.67	.54
539-TAC20V475K	4.7	.110 x .290	.53	.35	.26
539-TAC15V685K	6.8	.110 x .290	.53	.35	.26
539-TAC10V106K	10	.110 x .290	.51	.34	.26
539-TAC10V226K	22	.180 x .345	.84	.56	.42
539-TAC15V336K	33	.180 x .420	.99	.66	.50
539-TAC10V476K	47	.180 x .420	.99	.66	.50
539-TAC20V107K	100	.300 x .710	4.89	3.43	2.58

15 Volt (20 Volts Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	Price Each		
			1	100	500
539-TAC50V104K	0.1	.095 x .260	.48	.32	.24
539-TAC50V224K	0.22	.095 x .260	.48	.32	.24
539-TAC35V474K	0.47	.095 x .260	.45	.30	.22
539-TAC20V105K	1.0	.095 x .260	.45	.30	.22
539-TAC35V155K	1.5	.110 x .290	.53	.35	.26
539-TAC15V225K	2.2	.095 x .260	.45	.30	.22
539-TAC35V335K	3.3	.180 x .345	.87	.67	.54
539-TAC20V475K	4.7	.110 x .290	.53	.35	.26
539-TAC15V685K	6.8	.110 x .290	.53	.35	.26
539-TAC25V106K	10	.180 x .345	.84	.56	.42
539-TAC15V226K	22	.180 x .420	.99	.66	.50
539-TAC15V336K	33	.180 x .420	.99	.66	.50
539-TAC25V476K	47	.280 x .550	3.19	2.13	1.60
539-TAC20V107K	100	.300 x .710	4.89	3.43	2.58

20 Volt (26 Volts Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	1	100	500
539-TAC50V104K	0.1	.095 x .260	.48	.32	.24
539-TAC50V224K	0.22	.095 x .260	.48	.32	.24
539-TAC35V474K	0.47	.095 x .260	.45	.30	.22
539-TAC20V105K	1.0	.095 x .260	.45	.30	.22
539-TAC35V155K	1.5	.110 x .290	.53	.35	.26
539-TAC25V225K	2.2	.110 x .290	.53	.35	.26
539-TAC35V335K	3.3	.180 x .345	.87	.67	.54
539-TAC20V475K	4.7	.110 x .290	.53	.35	.42
539-TAC25V106K	10	.180 x .345	.84	.56	.42
539-TAC20V226K	22	.180 x .420	.99	.66	.50
539-TAC25V476K	47	.280 x .550	3.19	2.13	1.60
539-TAC20V107K	100	.300 x .710	4.89	3.43	2.58

25 Volt (33 Volts Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	Price Each		
			1	100	500
539-TAC50V104K	0.1	.095 x .260	.48	.32	.24
539-TAC50V224K	0.22	.095 x .260	.48	.32	.24
539-TAC35V474K	0.47	.095 x .260	.45	.30	.22
539-TAC50V105K	1.0	.110 x .290	.59	.39	.30
539-TAC35V155K	1.5	.110 x .290	.53	.35	.26
539-TAC25V225K	2.2	.110 x .290	.53	.35	.26
539-TAC35V335K	3.3	.180 x .345	.87	.67	.54
539-TAC35V475K	4.7	.180 x .345	.84	.56	.42
539-TAC25V106K	10	.180 x .345	.84	.56	.42
539-TAC35V226K	22	.280 x .550	1.48	1.23	.93
539-TAC25V476K	47	.280 x .550	3.19	2.13	1.60

35 Volt (46 Volts Surge)

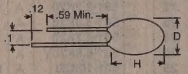
MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	1	100	500
539-TAC50V104K	0.1	.095 x .260	.48	.32	.24
539-TAC50V224K	0.22	.095 x .260	.48	.32	.24
539-TAC35V474K	0.47	.095 x .260	.45	.30	.22
539-TAC50V105K	1.0	.110 x .290	.59	.39	.30
539-TAC35V155K	1.5	.110 x .290	.53	.35	.26
539-TAC50V225K	2.2	.180 x .345	.96	.64	.48
539-TAC35V335K	3.3	.180 x .345	.87	.67	.54
539-TAC35V475K	4.7	.180 x .420	.84	.56	.42
539-TAC35V226K	22	.280 x .550	1.48	1.23	.93
539-TAC35V476K	47	.300 x .710	4.89	3.43	2.58

50 Volt (65 Volts Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	1	100	500
539-TAC50V104K	0.1	.095 x .260	.48	.32	.24
539-TAC50V224K	0.22	.095 x .260	.48	.32	.24
539-TAC50V474K	0.47	.110 x .290	.59	.39	.30
539-TAC50V105K	1.0	.110 x .290	.59	.39	.30
539-TAC50V225K	2.2	.180 x .345	.96	.64	.48
539-TAC50V475K	4.7	.180 x .420	1.19	.79	.59

MATSUO DIPPED SOLID TANTALUM CAPACITORS ±10%

Specifications:
- DC leakage: 0.01 CV or 0.5µA, whichever is greater
- Operating temperature range: -55°C to +85°C
- Failure rate: Less than 2% per 1000 hours



DIMENSIONS (IN.)

Case Size	6.3-35VDC		Case Size	6.3-35VDC	
	D Max.	H Max.		D Max.	H Max
1	.142	.236	6	.217	.335
2	.150	.256	7	.217	.374
3	.157	.276	8	.256	.453
4	.189	.295	9	.295	.512
5	.197	.315	10	.315	.551

6.3 Volt (8 Volts Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size	Price Each			
			1	100	500	1000
540-0.1M35	0.1	1	.30	.18	.14	.13
540-0.15M35	0.15	1	.30	.18	.14	.13
540-0.22M35	0.22	1	.30	.18	.14	.13
540-0.33M35	0.33	1	.30	.18	.14	.13
540-0.47M35	0.47	1	.30	.18	.14	.13
540-0.68M35	0.68	1	.30	.18	.14	.13
540-1.0M35	1.0	1	.30	.18	.14	.13
540-1.5M25	1.5	1	.30	.18	.14	.13
540-2.2M20	2.2	1	.30	.18	.14	.13
540-3.3M16	3.3	1	.30	.18	.14	.13
540-4.7M10	4.7	1	.30	.18	.14	.13
540-6.8M06	6.8	1	.30	.18	.14	.13
540-10M06	10	2	.40	.22	.18	.17
540-15M06	15	3	.48	.26	.21	.19
540-22M06	22	4	.55	.30	.24	.21
540-33M06	33	5	.68	.37	.30	.25
540-47M06	47	6	.85	.45	.36	.31
540-68M06	68	7	.97	.61	.52	.45
540-100M06	100	8	1.78	1.38	1.07	.95
540-150M06	150	9	2.60	2.00	1.56	1.39
540-220M06	220	10	3.95	3.33	2.61	2.32

10 Volt (13 Volts Surge)

MOUSER STOCK NO.	Value (µF)	Case Size	1	100	500	1000
540-0.1M35	0.1	1	.30	.18	.14	.13
540-0.15M35	0.15	1	.30	.18	.14	.13
540-0.22M35	0.22	1	.30	.18	.14	.13
540-0.33M35	0.33	1	.30	.18	.14	.13
540-0.47M35	0.47	1	.30	.18	.14	.13
540-0.68M35	0.68	1	.30	.18	.14	.13
540-1.0M35	1.0	1	.30	.18	.14	.13
540-1.5M25	1.5	1	.30	.18	.14	.13
540-2.2M20	2.2	1	.30	.18	.14	.13
540-3.3M16	3.3	1	.30	.18	.14	.13
540-4.7M10	4.7	1	.30	.18	.14	.13
540-6.8M10	6.8	2	.40	.22	.18	.17
540-10M10	10	3	.48	.26	.21	.19
540-15M10	15	4	.55	.30	.24	.21
540-22M10	22	5	.68	.37	.30	.25
540-33M10	33	6	.85	.45	.36	.31
540-47M10	47	7	1.06	.66	.52	.46
540-68M10	68	8	2.16	1.63	1.23	1.11
540-100M10	100	9	2.60	2.00	1.56	1.39
540-150M10	150	10	3.95	3.33	2.61	2.32

16 Volt (20 Volts Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size	Price Each			
			1	100	500	1000
540-0.1M35	0.1	1	.30	.18	.14	.13
540-0.15M35	0.15	1	.30	.18	.14	.13
540-0.22M35	0.22	1	.30	.18	.14	.13
540-0.33M35	0.33	1	.30	.18	.14	.13
540-0.47M35	0.47	1	.30	.18	.14	.13
540-0.68M35	0.68	1	.30	.18	.14	.13
540-1.0M35	1.0	1	.30	.18	.14	.13
540-1.5M25	1.5	1	.30	.18	.14	.13
540-2.2M20	2.2	1	.30	.18	.14	.13
540-3.3M16	3.3	1	.30	.18	.14	.13
540-4.7M16	4.7	2	.40	.22	.18	.17
540-6.8M16	6.8	3	.48	.26	.21	.19
540-10M16	10	4	.55	.30	.24	.21
540-15M16	15	5	.68	.37	.30	.25
540-22M16	22	6	.85	.45	.36	.31
540-33M16	33	7	1.06	.66	.52	.46
540-47M16	47	8	2.16	1.63	1.23	1.11
540-68M16	68	9	2.60	2.00	1.56	1.39
540-100M16	100	10	3.95	3.33	2.61	2.32

20 Volt (25 Volts Surge)

MOUSER STOCK NO.	Value (µF)	Case Size	1	100	500	1000
540-0.1M35	0.1	1	.30	.18	.14	.13
540-0.15M35	0.15	1	.30	.18	.14	.13
540-0.22M35	0.22	1	.30	.18	.14	.13
540-0.33M35	0.33	1	.30	.18	.14	.13
540-0.47M35	0.47	1	.30	.18	.14	.13
540-0.68M35	0.68	1	.30	.18	.14	.13
540-1.0M35	1.0	1	.30	.18	.14	.13
540-1.5M25	1.5	1	.30	.18	.14	.13
540-2.2M20	2.2	1	.30	.18	.14	.13
540-3.3M20	3.3	2	.40	.22	.18	.17
540-4.7M20	4.7	3	.48	.26	.21	.19
540-6.8M20	6.8	4	.55	.30	.24	.21
540-10M20	10	5	.68	.37	.30	.25
540-15M20	15	6	.85	.45	.36	.28
540-22M20	22	7	1.06	.66	.52	.46
540-33M20	33	8	2.16	1.63	1.23	1.11
540-47M20	47	9	2.60	2.00	1.56	1.39
540-68M20	68	10	3.95	3.33	2.61	2.32

25 Volt (32Volts Surge)

For quantities greater than listed, call for quote

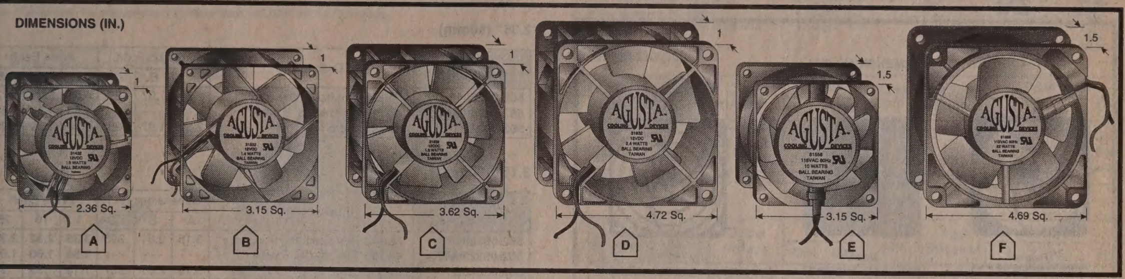
MOUSER STOCK NO.	Value (µF)	Case Size	Price Each			
			1	100	500	1000
540-0.1M35	0.1	1	.30	.18	.14	.13
540-0.15M35	0.15	1	.30	.18	.14	.13
540-0.22M35	0.22	1	.30	.18	.14	.13
540-0.33M35	0.33	1	.30	.18	.14	.13
540-0.47M35	0.47	1	.30	.18	.14	.13
540-0.68M35	0.68	1	.30	.18	.14	.13
540-1.0M35	1.0	1	.30	.18	.14	.13
540-1.5M25	1.5	1	.30	.18	.14	.13
540-2.2M25	2.2	2	.40	.22	.18	.17
540-3.3M25	3.3	3	.48	.26	.21	.19
540-4.7M25	4.7	4	.55	.30	.24	.21
540-6.8M25	6.8	5	.68	.37	.30	.25
540-10M25	10	6	.85	.45	.36	.31
540-15M25	15	7	1.06	.66	.52	.46
540-22M25	22	8	2.60	2.00	1.56	1.39
540-33M25	33	9	2.60	2.00	1.56	1.39
540-47M25	47	10	3.95	3.33	2.61	2.32

35 Volt (44 Volts Surge)

MOUSER STOCK NO.	Value (µF)	Case Size	1	100	500	1000
540-0.1M35	0.1	1	.30	.18	.14	.13
540-0.15M35	0.15	1	.30	.18	.14	.13
540-0.22M35	0.22	1	.30	.18	.14	.13
540-0.33M35	0.33	1	.30	.18	.14	.13
540-0.47M35	0.47	1	.30	.18	.14	.13
540-0.68M35	0.68	1	.30	.18	.14	.13
540-1.0M35	1.0	1	.30	.18	.14	.13
540-1.5M35	1.5	2	.40	.22	.18	.17
540-2.2M35	2.2	3	.48	.26	.21	.1
540-3.3M35	3.3	4	.55	.30	.24	.2
540-4.7M35	4.7	5	.68	.37	.30	.2
540-6.8M35	6.8	6	.85	.45	.36	.3
540-10M35	10	7	1.06	.66	.52	.4
540-15M35	15	8	2.16	1.63	1.23	1.1
540-22M35	22	9	2.60	2.00	1.56	1.3
540-33M35	33	10	3.95	3.33	2.61	2.3

Cooling Fans

AGUSTA BALL BEARING FANS



esign these quietly operating fans into computer systems, power supplies, and other equipment requiring additional r flow for heat removal.

C Brushless 2.36" x 2.36" x 1" (60 x 60 x 25mm)

eatures:
- 12 and 24 VDC operation
- 12" leads
- Brushless, ball-bearing motors (except where noted)
- UL 94V-0 durable plastic housing and impellers

E94964(S)

* Sintered iron sleeve bearings

MOUSER STOCK NO.	Fig.	Volts (DC)	Current (mA)	Power (W)	Air Flow (CFM)	Noise (dBa)	Price Each			
							1	10	25	50
432-31432	A	12	130	1.5	8.8	24	15.72	13.10	11.91	Call For Quote
432-31434	A	12	160	1.9	12	30	15.72	13.10	11.91	
432-31436	A	12	200	2.4	14.8	35	15.72	13.10	11.91	
432-51432	A	24	100	2.4	8.8	24	15.72	13.10	11.91	
432-51434	A	24	130	3.1	12	30	15.72	13.10	11.91	
432-51436	A	24	160	3.8	14.8	39	15.72	13.10	11.91	

C Brushless 3.15" x 3.15" x 1" (80 x 80 x 25mm)

MOUSER STOCK NO.	Fig.	Volts (DC)	Current (mA)	Power (W)	Air Flow (CFM)	Noise (dBa)	Price Each			
							1	10	25	50
432-31532	B	12	120	1.4	19.4	23	15.72	13.10	11.91	Call For Quote
432-31534	B	12	160	1.9	26.5	27	15.72	13.10	11.91	
432-32534	B	12	160	1.9	26.5	27	14.37	11.98	10.89	
432-31536	B	12	200	2.4	31.8	31	15.72	13.10	11.91	
432-51532	B	24	90	2.1	19.4	23	15.72	13.10	11.91	
432-51534	B	24	110	2.6	26.5	27	15.72	13.10	11.91	
432-51536	B	24	130	3.1	31.8	31	15.72	13.10	11.91	

C Brushless 3.62" x 3.62" x 1" (92 x 92 x 25mm)

MOUSER STOCK NO.	Fig.	Volts (DC)	Current (mA)	Power (W)	Air Flow (CFM)	Noise (dBa)	Price Each			
							1	10	25	50
32-31632	C	12	160	1.9	24.7	25	15.79	13.16	11.96	Call For Quote
32-31634	C	12	250	3.0	31.8	31	15.79	13.16	11.96	
32-31636	C	12	320	3.8	42.4	38	15.79	13.16	11.96	
32-51632	C	24	100	2.4	24.7	25	17.28	14.40	13.09	
32-51634	C	24	140	3.3	31.8	31	17.28	14.40	13.09	
32-51636	C	24	180	4.3	42.4	38	17.28	14.40	13.09	

DC Brushless 4.72" x 4.72" x 1" (120 x 120 x 25mm)

* Sintered iron sleeve bearings

MOUSER STOCK NO.	Fig.	Volts (DC)	Current (mA)	Power (W)	Air Flow (CFM)	Noise (dBa)	Price Each			
							1	10	25	50
432-31832	D	12	200	2.4	53	39	20.15	16.79	15.26	Call For Quote
432-31834	D	12	420	5.0	63.9	43	20.15	16.79	15.26	
432-31836	D	12	550	6.6	77.7	47	20.15	16.79	15.26	
432-51832	D	24	130	3.1	53	39	21.24	17.70	16.09	
432-51834	D	24	210	5.0	63.6	43	21.24	17.70	16.09	
432-51836	D	24	300	7.2	77.7	47	21.24	17.70	16.09	

AC Tubeaxial 3.15" x 3.15" x 1.5" (80 x 80 x 38mm)

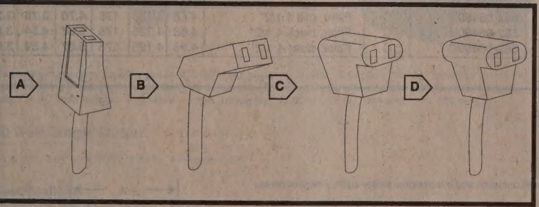
Features:
- 115VAC 60Hz operation
- Ball-bearing motors (except where noted)
- 12" leads
- Rugged, all metal, die-cast, aluminum housings and steel impellers
- Shaded-pole, impedance protected motors

MOUSER STOCK NO.	Fig.	Volts (AC)	Current (mA)	Power (W)	Air Flow (CFM)	Noise (dBa)	Price Each			
							1	10	25	50
432-81558	E	115	130	10	32	38	29.55	26.86	24.42	Call For Quote
* 432-82558	E	115	130	10	32	38	17.24	16.42	15.95	
432-81556	E	115	120	10	29	37	29.55	26.86	24.42	
432-81554	E	115	120	9	26	31	29.55	26.86	24.42	
432-81552	E	115	110	9	21	26	29.55	26.86	24.42	
* 432-82552	E	115	110	9	21	26	17.24	16.42	15.95	

AC Tubeaxial 4.69" x 4.69" x 1.5" (119 x 119 x 38mm)

MOUSER STOCK NO.	Fig.	Volts (AC)	Current (mA)	Power (W)	Air Flow (CFM)	Noise (dBa)	Price Each			
							1	10	25	50
12" Leads										
432-81858	F	115	240	22	105	50	30.35	27.59	25.08	Call For Quote
* 432-82858	F	115	240	22	105	50	18.39	17.51	17.01	
432-81862	F	115	200	19	55	35	30.35	27.59	25.08	
432-81864	F	115	220	20	65	38	30.35	27.59	25.08	
432-81866	F	115	230	21	78	42	30.35	27.59	25.08	
Faston Terminals										
432-81856	F	115	230	21	78	42	30.35	27.59	25.08	
432-81854	F	115	220	20	65	38	30.35	27.59	25.08	
432-81852	F	115	200	19	55	35	30.35	27.59	25.08	
* 432-82852	F	115	200	19	55	35	18.39	17.51	17.01	

FAN-S-DIV. Qualtek Electronics Corporation FAN POWER CORDS



Features:
- Strain relief is incorporated for added safety
- UL Rated 10A/125VAC
- CSA Rated 7A/125VAC

Specifications:
- Cord type: SPT-1 (2) conductor black
- Cord length: 24"
- Voltage rating: 300V
- Temperature range: 105°C

High quality fan power cords designed to be used with tubeaxial fans.

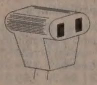
E118750 LR58844-5M

MOUSER STOCK NO.	Fig.	Style	Price Each			
			1	10	25	50
562-07100-24	A	Straight	1.36	1.26	1.18	Call For Quote
562-07145-24	B	45 degree	1.36	1.26	1.18	
562-07190-24	C	90 degree	1.36	1.26	1.18	
562-07199-24	D	T-plug	1.36	1.26	1.18	

C FAN POWER CORD

signed for use with the Augusta 4.69" AC tubeaxial fans. Can be used with all AC fans using .110" x .020" Faston terminals with .3125" spacing. In 24" length with convenient T-type mounting receptacle.

ecifications:
- ength: 24"
- Vire size: 18 AWG
- ermination: T-type
- Cord type: SPT 1
- Tab size: fits .110" x .020" fastons with .3125" tab spacing
- Temperature rating: 105°C (max.)

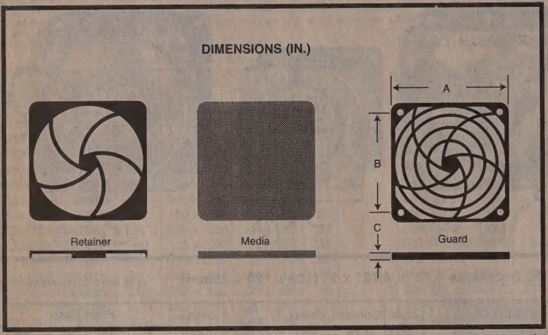


E56356 LL38816

MOUSER STOCK NO.	Length (In.)	AWG	Termination	Price Each			
				1	10	25	50
432-6101	24	18	T-type	1.78	1.57	1.43	Call

Fan Accessories

FAN-S-DIV. Qualtek Electronics Corporation PLASTIC FAN FILTER ASSEMBLIES



Retainer:
- UL Listed 94V-0 material
- Designed for minimal air restriction

Media:
- Helps reduce external fan noise
- Easily cleaned by vacuuming or washing with most soaps, detergents or cleaning solvents

Guard:
- UL Listed 94V-0 material
- Decreased noise level due to design
- Withstands high impact

Fan:
- Customer supplied

2.36" (60mm)

MOUSER STOCK NO.	Description	Dimensions (In.)			Price Each		
		A	B	C	1	10	25
562-0925045	Plastic filter assembly	2.36	1.97	.25	4.03	3.02	2.77
562-09250M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	1.80	1.52	1.43
562-09250G	Plastic guard only	2.36	1.97	.25	1.13	.99	.92

3.15" (80mm)

MOUSER STOCK NO.	Description	Dimensions (In.)			Price Each		
		A	B	C	1	10	25
562-0932545	Plastic filter assembly	3.15	2.81	.393	3.36	2.52	2.32
562-09325M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	1.86	1.60	1.50
562-09325G	Plastic guard only	3.15	2.81	.257	1.13	.99	.92

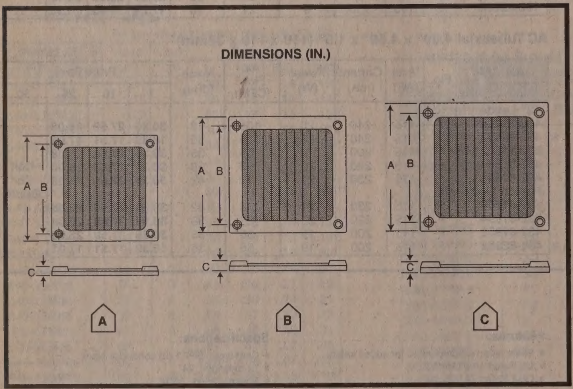
3.62" (92mm)

MOUSER STOCK NO.	Description	Dimensions (In.)			Price Each		
		A	B	C	1	10	25
562-0936245	Plastic filter assembly	3.62	3.25	.393	3.54	2.66	2.45
562-09362M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	2.31	2.05	1.79
562-09362G	Plastic guard only	3.62	3.25	.25	1.43	1.24	1.08

4.72" (120mm) 4.69" (119mm)

MOUSER STOCK NO.	Description	Dimensions (In.)			Price Each		
		A	B	C	1	10	25
562-0945045	Plastic filter assembly	4.65	4.13	.420	4.20	3.15	2.90
562-09450M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	3.18	2.52	2.09
562-09450G	Plastic guard only	4.65	4.13	.279	2.07	1.65	1.34

FAN-S-DIV. Qualtek Electronics Corporation ALUMINUM FAN FILTERS



3.15" (80mm)

MOUSER STOCK NO.	Fig.	Description	Dimensions (In.)			Price Each		
			A	B	C	1	10	25
562-06325M	A	Filter, mill 3 1/8"	3.30	2.810	.175	3.81	3.05	2.62
562-06325B	A	Filter, black 3 1/8"	3.30	2.810	.175	4.59	3.67	3.15
562-06325C	A	Filter, clear 3 1/8"	3.30	2.810	.175	4.59	3.67	3.15

3.62" (92mm)

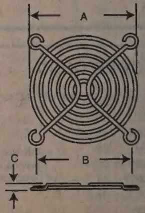
MOUSER STOCK NO.	Fig.	Description	Dimensions (In.)			Price Each		
			A	B	C	1	10	25
562-06362M	B	Filter, mill 3 5/8"	3.62	3.245	.175	4.12	3.30	2.83
562-06362B	B	Filter, black 3 5/8"	3.62	3.245	.175	4.60	3.68	3.50
562-06362C	B	Filter, clear 3 5/8"	3.62	3.245	.175	4.60	3.68	3.50

4.72" (120mm) 4.69" (119mm)

MOUSER STOCK NO.	Fig.	Description	Dimensions (In.)			Price Each		
			A	B	C	1	10	25
562-06450M	C	Filter, mill 4 1/2"	4.68	4.125	.175	4.70	3.76	3.24
562-06450B	C	Filter, black 4 1/2"	4.68	4.125	.175	5.67	4.54	3.91
562-06450C	C	Filter, clear 4 1/2"	4.68	4.125	.175	5.67	4.54	3.91

FAN-S-DIV. Qualtek Electronics Corporation WIRE FORM FAN GUARDS

For use with our tubeaxial fans. 1/4" maximum ring spacing design was developed to assist our customers in complying with domestic and international safety agency requirements.



MOUSER STOCK NO.	For Use with Fan Size		Dimensions (In.)			Price Each			
	(In.)	(mm)	A	B	C	1	10	25	50
562-08149	1.58	40	1.15	1.26	.189	1.80	1.30	1.17	Call For Quote
562-08147	2.36	60	2.09	1.97	.20	1.94	1.46	1.34	
562-08172	3.15	80	3.00	2.81	.20	1.89	1.42	1.31	
562-08174	3.62	92	3.52	3.25	.20	1.97	1.48	1.36	
562-08170	4.72 /4.69	120 / 119	4.55	4.125	.22	2.36	1.77	1.63	

Features:
- C1010 basic wire
- Weld joints withstand 220 lb. minimum separation force

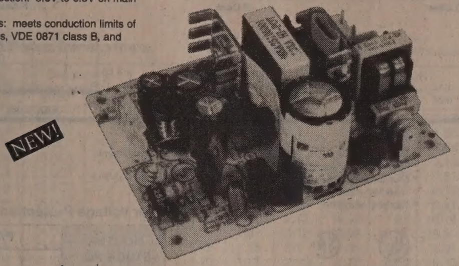
Specifications:
- Over wire dia. @ butt joints: .010 max.
- Depth of serrations on wire: .015 max.
- Thickness of nickel chrome: .0005 min.
- Tolerance: -.XX = ±.03" .XXX = ± .015

PHIHONG USA Power Supplies

SWITCHING POWER SUPPLIES

These high efficiency universal input Switching Power Supplies have UL, CSA, and VDE agency approvals. They carry a 1 year warranty and feature 100% burn-in for 24 hours. All power supply inputs are protected by an internal fuse. For outputs other than those listed, call (800) 346-6873 for quote.

- Overcurrent protection: all outputs equipped with automatic recovery current limiting circuit
- Overvoltage protection: 5.6V to 6.5V on main output
- EMI requirements: meets conduction limits of FCC class B rules, VDE 0871 class B, and VGF 243/1991



PSA-25W Series

pecifications:

- AC input voltage: 90-260VAC
- AC frequency: 47-63Hz
- Efficiency: 70% typical at full load
- Length: 4.0"
- Width: 3.0"
- Height: 1.3"

0805 IEC 950(74711) | 1950 (E134610) | 22.2 234 (LR 56927-100)

Single Output

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
552-PSA-25-105	V1	+5V	0.0A	5.0A	50mV	±2%	32.60	29.90	Call For Quote
552-PSA-25-112	V1	+12V	0.0A	2.0A	120mV	±2%	32.60	29.90	
552-PSA-25-115	V1	+15V	0.0A	1.6A	150mV	±2%	32.60	29.90	
552-PSA-25-124	V1	+24V	0.0A	1.1A	240mV	±2%	32.60	29.90	

Multiple Output

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
552-PSA-25-301	V1	+5.1V	0.3A	2.0A	50mV	±2%	32.60	29.90	Call
	V2	+12V	0.1A	1.0A	120mV	±5%			
	V3	-12V	0.0A	0.3A	120mV	±5%			

PSA-40W Series

Specifications:

- AC input voltage: 90-264VAC
- AC frequency: 47-63Hz
- Efficiency: 70% typical at full load
- Length: 5.0"
- Width: 3.0"
- Height: 1.2"

0806 | 1950 | 22.2 1402C

Single Output

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
552-PSA-4005	V1	+5V	0.0A	6.0A	100mV	±2%	36.75	33.90	Call For Quote
552-PSA-4012	V1	+12V	0.0A	3.0A	120mV	±2%	36.75	33.90	
552-PSA-4015	V1	+15V	0.0A	2.5A	150mV	±5%	36.75	33.90	
552-PSA-4024	V1	+24V	0.0A	1.5A	240mV	±2%	36.75	33.90	

Multiple Output

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
552-PSA-4031	V1	+5.1V	0.5A	3.0A	50mV	±2%	36.75	33.90	Call For Quote
	V2	+12V	0.2A	2.0A	120mV	±5%			
	V3	-12V	0.0A	0.5A	120mV	±5%			
552-PSA-4032	V1	+5.1V	0.5A	4.0A	50mV	±2%	36.75	33.90	
	V2	+12V	0.0A	0.5A	120mV	±5%			
	V3	-12V	0.0A	0.5A	120mV	±5%			
552-PSA-4033	V1	+5.1V	0.5A	3.0A	50mV	±2%	36.75	33.90	
	V2	+12V	0.2A	2.0A	120mV	±5%			
	V3	-5V	0.0A	0.5A	50mV	±5%			

PSA-60W Series

Specifications:

- AC input voltage: 90-260VAC
- AC frequency: 47-63Hz
- Efficiency: 70% typical at full load
- Length: 5.0"
- Width: 3.0"
- Height: 1.58"

0805 (IEC 950) | 1950 | 22.2 950

Single Output

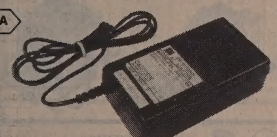
MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
552-PSA-60-105	V1	+5V	0.0A	10A	50mV	±2%	43.45	40.00	Call For Quote
552-PSA-60-112	V1	+12V	0.0A	5.0A	120mV	±2%	43.45	40.00	
552-PSA-60-124	V1	+24V	0.0A	2.5A	150mV	±2%	43.45	40.00	

Multiple Output

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
552-PSA-60-301	V1	+5.1V	1.0A	6.0A	50mV	±2%	43.45	40.00	Call
	V2	+12V	0.3A	2.2A	120mV	±5%			
	V3	-12V	0.0A	0.3A	120mV	±5%			

UNIVERSAL INPUT TABLE TOP POWER SUPPLIES

A



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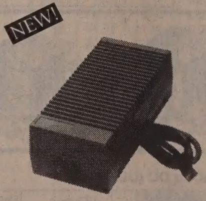


hese table top power supplies use an IEC 320 input power receptacle. This gives the user the ability to use this ower supply internationally by changing the input cord. See our AC power cord section for the power cord you eed. • AC input voltage: 90-264VAC • AC frequency: 47-63Hz • AC connector: IEC 320 cord

0 Watt Single Output

Length: 4.41" • Width: 2.36" • Height: 1.42"

pecifications:

Efficiency: 75% typical, full load
Overvoltage protection: 150% maximum, non-latching
Overcurrent protection: short circuit protected
DC connector: 2.1mm coaxial center positive

EN60950 | 1950 | 22.2 234

MOUSER STOCK NO.	Fig.	DC Output Voltage	Load		Regulation	Price Each		
			Min.	Max.		1	25	100
552-PSA-30U-050	A	5V	0A	4.0A	±5%	45.00	41.60	Call For Quote
552-PSA-30U-090	A	9V	0A	2.2A	±5%	45.00	41.60	
552-PSA-30U-120	A	12V	0A	2.5A	±5%	45.00	41.60	
552-PSA-30U-150	A	15V	0A	2.0A	±5%	45.00	41.60	
552-PSA-30U-240	A	24V	0A	1.25A	±5%	45.00	41.60	

40 Watt Multiple Output

- Length: 6.54" • Width: 3.15" • Height: 2.23"

EN60950 (IEC 950) | 1950 (E134610) | 22.2 Std. 223, Class II (LR56927-107)

Specifications:

- Efficiency: 70% min. at max. load
- Overvoltage protection: 5.6 to 6.8VDC (+5 only)
- Overcurrent protection: output is equipped with short circuit protection
- EMI requirements FCC: class B rules, VDE 0871 class B rules
- DC connector: 5p DIN, 180°

MOUSER STOCK NO.	Fig.	Output Voltage	Load		Regulation		Price Each		
			Min.	Max.	Line	Load	1	25	100
552-PSA-46-301	B	+5V	0.5A	3A	±2%	±5%	51.75	47.75	Call
		+12V	0.5A	2A	±2%	±5%			
		-12V	0A	0.3A	±2%	±8%			

50 Watt Single Output

- Length: 6.54" • Width: 3.15" • Height: 2.23"

EN60950 (IEC 950) | 1950 | 22.2 223

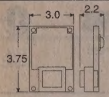
Specifications:

- Efficiency 70% min. at max. load
- Overvoltage protection: at 110-130% of rated voltage
- Overcurrent protection: output is equipped with short circuit protection
- EMI requirements FCC: class B rules, VDE 0871 class B rules
- DC connector 2.1mm coaxial center positive

MOUSER STOCK NO.	Fig.	Output Voltage	Load		Total Tolerance	Price Each		
			Min.	Max.		1	25	100
552-PSA-053	B	5V	0.3A	3.0A	±0.3VDC	46.75	43.15	Call For Quote
552-PSA-124	B	12V	0.1A	4.2A	±0.5VDC	46.75	43.15	
552-PSA-153	B	15V	0.1A	3.6A	±0.5VDC	46.75	43.15	
552-PSA-242	B	24V	0.1A	2.2A	±0.5VDC	46.75	43.15	

Linear DC Power Supplies

INTERNATIONAL POWER LINEAR DC POWER SUPPLIES



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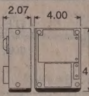

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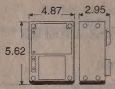

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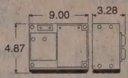

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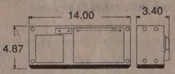

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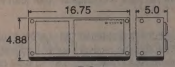

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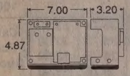

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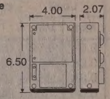

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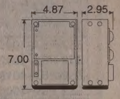

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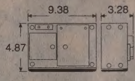

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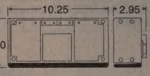

BAA Case

Specifications:

- AC input: 100/120/220/230-240VAC, +10%-13%, 47 to 63Hz
- Line regulation: ±0.05% for a +10% line change
- Load regulation: ±0.05% for a 50% load change
- Output ripple: 5.0mV max. peak-to-peak on 2-15V units 0.02% max. peak-to-peak on 24-250V units

Single Output Models

MOUSER STOCK NO.	Case Style	Output #1	Price Each	
			1	10
597-A5-1.2/P	A	5V @ 1.2A	28.28	27.30
597-A5-1.5/P	B	5V @ 1.5A	29.80	28.77
597-B5-3/P	B	5V @ 3A	34.50	32.77
597-C5-6/P	C	5V @ 6A	57.50	54.62
597-N5-9/P	N	5V @ 9A	78.50	74.59
597-D5-12/P	D	5V @ 12A	89.25	84.78
597-B12-1.7	B	12V @ 1.7A	34.50	32.77
597-C12-3.4	C	12V @ 3.4A	52.50	49.87
597-N12-5.1	N	12V @ 5.1A	73.50	69.82
597-D12-6.8	D	12V @ 6.8A	83.95	79.95
597-F12-15	F	12V @ 15A	162.50	154.37
597-A15-0.5	A	15V @ 0.5A	27.85	26.50
597-A15-0.9	B	15V @ 0.9A	29.70	28.67
597-B15-1.5	B	15V @ 1.5A	34.50	32.77
597-C15-3.0	C	15V @ 3A	52.50	49.87
597-N15-4.5	N	15V @ 4.5A	73.50	69.82
597-D15-6.0	D	15V @ 6A	83.95	79.75
597-F15-15	F	15V @ 15A	162.50	154.37
597-A24-0.5	B	24V @ 0.5A	29.70	28.67
597-B24-1.2	B	24V @ 1.2A	34.50	32.77
597-C24-2.4	C	24V @ 2.4A	52.50	49.87
597-N24-3.6	N	24V @ 3.6A	73.50	69.82
597-D24-4.8	D	24V @ 4.8A	83.95	79.75
597-E24-7.2	E	24V @ 7.2A	115.50	109.72
597-F24-12	F	24V @ 12A	162.50	154.37
597-B28-1.0	B	28V @ 1.0A	34.50	32.77
597-C28-2.0	C	28V @ 2.0A	52.50	49.87
597-N28-3.0	N	28V @ 3.0A	73.50	69.82
597-D28-4.0	D	28V @ 4.0A	83.95	79.75
597-B48-0.5	B	48V @ 0.5A	36.50	34.68
597-C48-1.0	C	48V @ 1.0A	57.50	54.62
597-D48-3.0	D	48V @ 3.0A	89.25	84.78
597-B155-0.12	B	135-170V @ .12A	41.95	39.85
597-B200-0.12	B	175-210V @ .12A	41.95	39.85
597-B250-0.1	B	215-265V @ .1A	41.95	39.85

Features:

- Meets UL, CSA, VDE, BPO, IEC, CEE, ECMA safety requirements
- Over voltage protection on 5 volt outputs (set at 6.2±0.4V)
- Chassis for ±15V (or less) are pre-drilled to accommodate 597-P12 and 597-P24 over voltage protection modules
- Two year warranty

E84242 LR52143

Over Voltage Protection Modules

MOUSER STOCK NO.	Price Each	
	1	10
597-P12	7.95	7.80
597-P24	14.95	14.66

Dual Output Models

MOUSER STOCK NO.	Case Style	Output		Price Each	
		#1	#2	1	10
597-BB512	BB	5V @ 3A	12-15V @ 1.5A	62.95	59.80
597-AD15-0.4	B	15V @ 0.4A	-15V @ 0.4A	38.75	36.80
597-AA15-0.8	AA	12V @ 1A or 15V @ 0.8A	-12V @ 1A or -15V @ 0.8A	45.00	42.75
597-BB15-1.5	BB	12V @ 1.7A or 15V @ 1.5A	-12V @ 1.7A or -15V @ 1.5A	57.50	54.62
597-CC15-3.0	CC	12V @ 3.4A or 15V @3.0A	-12V @ 3.4A or -15V @ 3.0A	92.50	87.87

Triple Output Models

MOUSER STOCK NO.	Case Style	Output			Price Each	
		#1	#2	#3	1	10
597-TAA-16W	AA	5V @ 2A	12 to 15V @ 0.4A	-12 to -15V @ 0.4A or -5V @ 0.4A	57.75	54.86
597-BAA-40W	BAA	5V @ 3A	12V @ 1A or 15V @ 0.8A	-12V @ 1A or -15V @ 0.8A or -5V @ 0.4A	79.25	75.76
597-BCC512	CC	5V @ 3A	12V @ 3.4A or 15V @ 3A	-12V @ 3.4A or -15V @ 3A	104.95	99.70
597-CAA-60W	D	5V @ 6A	12 to 15V @ 1A	-12 to -15V @ 1A or -5V @ 0.4A	94.50	89.77

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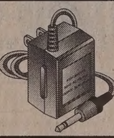

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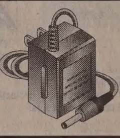

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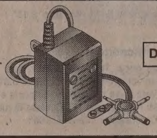

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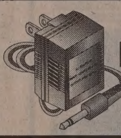

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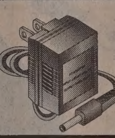

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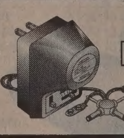

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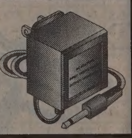
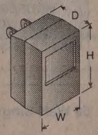


HiQ MAGNETICS AC ADAPTORS

Features:

- Current ratings to 1 amp
- All DC connectors are positive (+) center pin except universals which are selectable
- Plugs into standard 115V outlet
- 72" output cord with molded termination



AC to DC (Standard)

MOUSER STOCK NO.	Fig.	Output Rating (mA)	Dimensions (In.)			Output Plug	Price Each		
			H	W	D		1	10	50
41AC106	A	6VDC/100mA	2.20	1.75	1.45	3.5mm male	5.37	4.29	3.56
41AC115	A	6VDC/200mA	2.37	2.00	1.70	3.5mm male	5.37	4.29	3.56
41AC109	A	9VDC/100mA	2.20	1.75	1.45	3.5mm male	5.13	4.10	3.41
41AC114	A	9VDC/200mA	2.37	2.00	1.70	3.5mm male	4.92	3.93	3.31
41AC119	A	12VDC/100mA	2.20	1.75	1.45	Stripped and tinned	5.23	4.18	3.47
41AC118	B	12VDC/100mA	2.20	1.75	1.45	2.1mmx5.5mm female	5.23	4.18	3.47
41AC112	A	12VDC/100mA	2.20	1.75	1.45	2.5mm male	5.23	4.18	3.47
41AC117	A	12VDC/100mA	2.20	1.75	1.45	3.5mm male	5.23	4.18	3.47
41AC113	A	12VDC/200mA	2.37	2.00	1.70	2.5mm male	5.23	4.18	3.47
41AC116	C	Universal 3, 4.5, 6, 9, & 12VDC/300mA	2.30	2.00	1.70	5 way 2.5mm, 3.5mm male, 2.1mmx5.0mm, 2.5x5.5mm female 9VDC batt. snap 110/220VAC 50/60 Hz	9.35	8.13	6.51

AC to DC (UL Listed)

∗ UL file no. E151992
∗ CSA file no. LR57562
† UL, only

	MOUSER STOCK NO.	Fig.	Output Rating (mA)	Dimensions (In.)			Output Plug	Price Each		
				H	W	D		1	10	50
∗	412-6200	D	6VDC/200mA	2.2	1.70	1.50	3.5mm male	6.78	5.88	5.45
∗	412-9100	D	9VDC/100mA	2.2	1.75	1.45	3.5mm male	6.78	5.88	5.45
∗	412-9200	D	9VDC/200mA	2.2	1.75	1.45	3.5mm male	6.78	5.88	5.45
∗	412-1101	D	12VDC/200mA	2.2	1.70	1.50	3.5mm male	7.18	6.23	5.78
†	412-1103	D	12VDC/1AMP	3.3	2.70	2.10	3.5mm male	17.69	15.39	14.26
∗	412-9201	E	9VDC/200mA	2.2	1.75	1.45	2.1mmx5.5mm female	7.18	6.23	5.78
∗	412-9302	E	9VDC/300mA	2.2	2.10	1.60	2.5mmx5.5mm female	7.95	6.92	6.41
∗	412-1102	E	9VDC/300mA	2.2	2.10	1.60	2.1mmx5.5mm female	8.66	7.54	6.98
∗	412-1212	E	12VDC/100mA	2.2	1.75	1.45	2.5mmx5.5mm female	6.78	5.88	5.45
∗	412-1222	E	12VDC/200mA	2.2	1.70	1.50	2.5mmx5.5mm female	6.49	5.65	5.24
∗	412-1252	E	12VDC/500mA	2.2	2.10	1.60	2.5mmx5.5mm female	7.95	6.92	6.41
∗	412-1104	E	12VDC/500mA	2.2	2.10	1.60	2.1mmx5.5mm female	8.66	7.54	6.98
∗	412-1105	E	12VDC/500mA	2.2	2.10	1.60	1.3mmx3.5mm female	8.86	7.72	7.15
†	412-1202	E	12VDC/1 AMP	3.3	2.70	2.10	2.5mmx5.5mm female	17.35	15.09	13.98
†	412-3111	F	Universal 3, 4.5, 6, 7.5, 9 and 12VDC/500mA	2.9	2.02	2.00	6 way 2.5mm, 3.5mm male, 1.3mmx3.5mm, 2.1mmx 5.0mm, 2.5mm x 5.5mm female 9VDC batt., snap, ± polarity switch	11.96	10.40	9.63

AC to AC

∗	412-2004	G	12VAC/500mA	2.2	2.1	1.6	3.5mm male	7.37	6.41	5.94

Power and Variable Transformers

HiQ™ POWER TRANSFORMERS

These Hi-Q power transformers feature 115VAC/60Hz primaries, in six popular outputs. They have 6" color coded leads for positive identification. UL rating on many of these allow for hassle-free design of finished products.

✻As indicated
E93874(S)

Features:

- Lead color coding: primary = black, secondary = red/white
- Full load voltage tolerance: ±2%
- Voltage regulation: <15%
- Hi-pot test voltage: 1500VAC 60Hz for 60 seconds
- Coil-to-coil insulation: 200MΩ @ 500VDC

UL Approved Power Transformers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Secondary		Dimensions (In.)				Price Each		
		Volts	Amps	H	W	D	Mtg.	1	10	100
41LF100	A	10.0CT	.1	1.25	1.5	1.2	1.8	5.12	4.28	3.87
41LF300	A	10.0CT	.3	1.5	1.7	1.4	2.1	5.39	4.49	4.08
41LF010	A	10.0CT	1.0	2.01	2.36	2.32	2.82	9.87	9.54	8.68
41LF020	A	10.0CT	2.0	2.01	2.36	2.32	2.82	12.06	10.05	9.14
41LG010	A	12.6CT	1.0	1.75	2.0	2.1	2.4	9.60	8.26	7.51
41LG015	A	12.6CT	1.5	2.02	2.35	2.32	2.72	12.08	10.06	9.14
41LJ015	A	18.0CT	1.5	2.01	2.36	2.32	2.82	12.24	10.25	9.31
41LK015	A	24.0CT	1.5	2.01	2.36	2.32	2.82	14.18	11.83	10.74
41LK020	A	24.0CT	2.0	2.25	2.7	2.82	3.12	20.58	18.71	16.99
41LK100	A	25.2CT	.1	1.5	1.75	1.55	2.1	6.35	5.29	4.81
41LK200	A	25.2CT	.2	1.4	1.68	1.65	2.05	6.72	5.69	5.18
41LK600	A	25.2CT	.6	1.7	2.0	2.1	2.4	10.34	8.63	7.84
41LK010	A	25.2CT	1.0	2.0	2.5	2.25	2.8	11.73	10.66	9.69

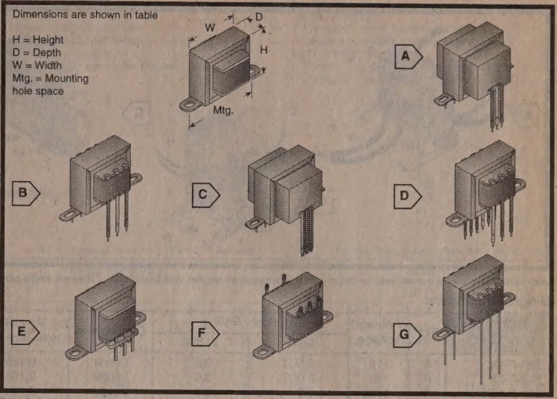
Heavy Duty Power Transformers

For quantities greater than listed, call for quote.

41FD200	B	6.3CT	.2	1.3	1.5	1.1	1.9	4.06	3.38	3.07
41FD300	B	6.3CT	.3	1.5	1.75	1.3	2.1	4.42	3.69	3.36
41FD600	B	6.3CT	.6	1.72	2.0	1.5	2.35	4.68	3.89	3.54
41LD010	B	6.3CT	1.0	1.67	1.97	1.56	2.37	8.35	7.21	6.56
41FD010	A	6.3CT	1.0	1.65	2.0	1.9	2.4	4.79	3.99	3.63
41FD030	B	6.3CT	3.0	1.95	2.5	1.95	2.8	6.98	5.82	5.29
41LF100	A	10.0CT	.1	1.25	1.5	1.2	1.8	5.12	4.28	3.87
41LF010	A	10.0CT	1.0	2.01	2.36	2.32	2.82	9.87	9.54	8.68
41LF020	A	10.0CT	2.0	2.01	2.36	2.32	2.82	12.06	10.05	9.14
41LG100	A	12.6CT	.1	1.25	1.5	1.2	1.8	5.26	4.38	3.99
41FG100	B	12.6CT	.1	1.25	1.5	1.0	1.71	2.74	2.28	2.07
41FG200	B	12.6CT	.2	1.25	1.5	1.25	1.9	3.43	2.89	2.63
41FG300	B	12.6CT	.3	1.65	1.75	1.55	2.1	3.84	3.20	2.91
41LG300	A	12.6CT	.3	1.4	1.68	1.5	2.05	6.15	5.13	4.66
41FG600	B	12.6CT	.6	1.65	2.1	1.5	2.3	5.18	4.31	3.92
41LG600	A	12.6CT	.6	1.75	2.0	1.9	2.4	8.65	7.21	6.56
41FG010	B	12.6CT	1.0	1.75	2.1	1.6	2.3	5.85	4.88	4.43
41LG010	A	12.6CT	1.0	1.75	2.0	2.1	2.4	9.60	8.26	7.51
41LG015	A	12.6CT	1.5	2.02	2.35	2.32	2.72	12.08	10.06	9.14
41FG020	B	12.6CT	2.0	2.0	2.35	2.1	2.9	11.29	9.60	8.73
41FJ100	B	18.0CT	.1	1.5	1.7	1.4	2.1	3.59	2.99	2.73
41FJ200	B	18.0CT	.2	1.5	1.7	1.4	2.1	4.29	3.59	3.27
41FJ300	B	18.0CT	.3	1.5	1.7	1.4	2.1	4.55	3.79	3.44
41FJ600	B	18.0CT	.6	1.75	2.0	1.6	2.4	6.49	5.39	4.91
41FJ010	B	18.0CT	1.0	1.95	2.4	1.65	2.9	8.28	6.89	6.27
41LJ015	A	18.0CT	1.5	2.01	2.36	2.32	2.82	12.24	10.25	9.31
41FJ020	B	18.0CT	2.0	2.25	2.63	2.25	3.2	9.36	7.79	7.08
41FK200	B	24.0CT	.2	1.5	1.75	1.4	2.1	4.29	3.59	3.27
41FK300	B	24.0CT	.3	1.69	1.97	1.5	2.48	4.99	4.17	3.79
41FK600	B	24.0CT	.6	1.7	2.0	1.7	2.3	7.44	6.19	5.64
41FK010	B	24.0CT	1.0	1.95	2.35	1.9	2.8	8.28	6.89	6.27
41LK015	A	24.0CT	1.5	2.01	2.36	2.32	2.82	14.18	11.83	10.74
41LK020	A	24.0CT	2.0	2.25	2.7	2.82	3.12	20.58	18.71	16.99
41LK100	A	25.2CT	.1	1.5	1.75	1.55	2.1	6.35	5.29	4.81
41LK200	A	25.2CT	.2	1.4	1.68	1.65	2.05	6.72	5.69	5.18
41LK600	A	25.2CT	.6	1.7	2.0	2.1	2.4	10.34	8.63	7.84
41LK010	A	25.2CT	1.0	2.0	2.5	2.25	2.8	11.73	10.66	9.69

Dimensions are shown in table

H = Height
D = Depth
W = Width
Mtg. = Mounting hole space



Dual Secondaries Power Transformers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dual Secondary Volts	Amps	Dimensions (In.)				Price Each		
				H	W	D	Mtg.	1	10	100
41HG010	C	12.6CT/12.6CT	1.0	1.9	2.35	2.1	2.82	13.67	12.43	11.30
41HK200	C	24.0CT/24.0CT	.2	1.65	2.0	1.85	2.35	8.17	7.43	6.75
41HK010	C	24.0CT/24.0CT	1.0	2.25	2.7	2.82	3.15	22.09	20.08	18.25

Multi-Tapped Power Transformer

Primary rating 115/220, 50/60Hz. Secondary voltages are as shown. Leads are 6" long and color coded for easy identification. The secondary common is black.

- Current rating: .3 amps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Secondary Volts	Dimensions (In.)				Price Each		
			H	W	D	Mtg.	1	10	100
41FW300	D	12.0, 9.0, 6.0, 4.5, 3.0	1.375	1.75	1.5	2.05	3.22	2.68	2.44

Plug in Power Transformers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Secondary		Dimensions (In.)				Price Each		
		Volts	Amps	H	W	D	Mtg.	1	10	100
41WG100	E	12.6CT	.1	1.25	1.5	1.0	1.8	8.15	4.96	3.93
41WG300	E	12.6CT	.3	1.4	1.7	1.25	2.05	7.75	6.46	5.87
41WG010	E	12.6CT	1.0	1.65	2.0	1.48	2.35	10.52	8.76	7.97
41WJ300	E	18.0CT	.3	1.41	1.7	1.6	2.05	6.85	5.65	5.13
41WK200	E	24.0CT	.2	1.42	1.7	1.24	2.05	7.46	6.20	5.65

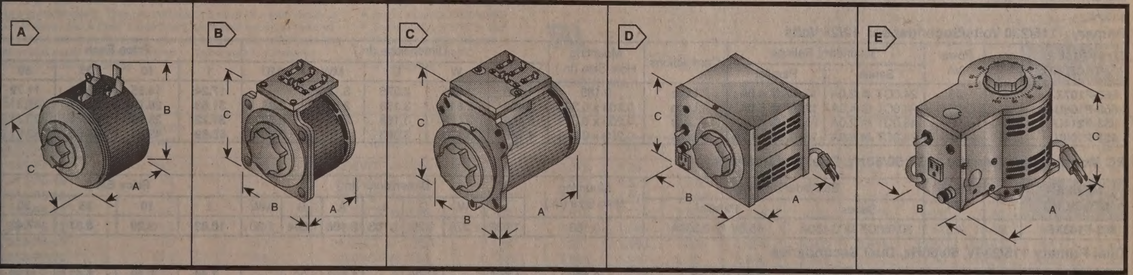
Heavy Duty Power Transformers With Solder Lug Terminals

41CD010	F	6.3CT	1.0	1.69	2.01	1.42	2.4	8.87	8.04	7.31
41CG100	F	12.6CT	.1	1.26	1.44	1.14	1.73	5.24	4.68	4.25
41CG300	F	12.6CT	.3	1.42	1.69	1.34	2.05	6.34	5.46	4.97
41CG010	F	12.6CT	1.0	1.69	1.97	1.65	2.36	9.41	8.54	7.77
41CG020	F	12.6CT	2.0	2.01	2.32	1.89	2.79	12.27	10.22	9.30

PC Mounting Power Transformers

For quantities greater than listed, call for quote.

41PG006	G	12.6CT	.06	1.05	1.18	1.0	1.65	2.76	2.29	2.09
41PG120	G	12.0CT	.12	1.25	1.5	1.05	1.75	3.34	2.78	2.53
41PG300	G	12.6CT	.3	1.38	1.75	1.25	2.05	3.04	2.53	2.30
41PG600	G	12.6CT	.6	1.75	2.0	1.5	2.36	5.18	4.31	3.92
41PK100	G	24.0CT	.1	1.5	1.75	1.25	2.05	3.44	2.89	2.63
41PK200	G	24.0CT	.2	1.4	1.75	1.33	2.05	4.55	3.79	3.43
41PK600	G	24.0CT	.6	1.75	2.0	1.58	2.4	6.35	5.29	4.81



VARIABLE TRANSFORMERS

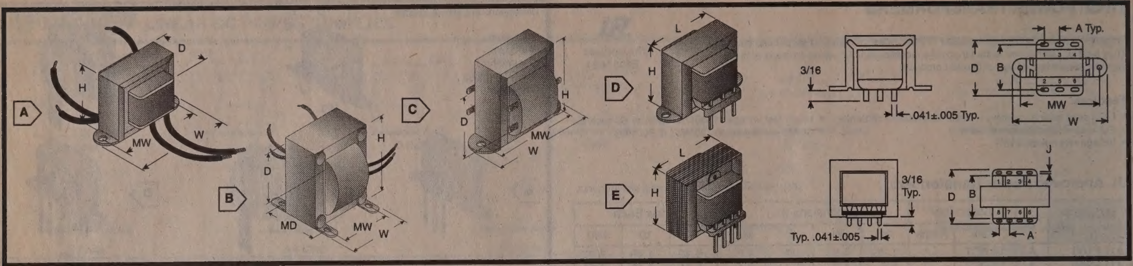
AC Voltage Controls

Open models are for back of panel mounting. Equipped with screw type or solder connection and daptors for 1/4" push-on connectors. Portable cord nd plug models feature ventilated steel case, on-off witch, pilot light, fuse, 3 prong grounded cord with natching receptacle.

- All are rated at 120VAC, input at 50-60Hz
- Non-isolated

MOUSER STOCK NO.	Fig.	Output		Dimensions (In.)			Cross Reference		Price Each	
		Volts	Amps	A	B	C	Superior	Ohmite	1	5
563-171	A	0-120/132	1.75	1.88	3.16	2.81	10C	VT1	51.00	48.45
563-291	A	0-120/132	3	2.31	3.16	2.81	- - -	VT3	59.00	56.05
563-501	B	0-120/140	5	3.31	3.75	5.16	21	VT5	94.00	89.30
563-1010	C	0-120/140	10	4.16	4,38	5.59	116CU	VT10	115.00	109.25
563-3PN501	D	0-120/140	5	4.47	3.06	5.38	- - -	VT5FC	167.00	158.65
563-3PN1010	E	0-120/140	10	7.63	5.0	4.44	3PN116C	VT8FC	178.00	169.10

MagneTek Power Supply Transformers



Use these power supply transformers for direct use or in transformer, rectifier, and filter circuits. They are single primary with single or double and multiple secondaries in standard size and weight configurations.

• Primary: 115/230 50/60Hz

Single Secondary

MOUSER STOCK NO.	Fig.	Primary Voltage	Secondary Ratings		Connections	Mounting Hole Size (In.)	Dimensions (In.)					Price Each			
			Volts	AMPS			H	W	D	MW	MD	1	10	25	50
* 553-F-1X	A	115	2.5CT	3.0	Leads	0.188	1.625	2.813	1.625	2.375	- - -	10.47	8.87	7.85	7.06
553-F-7X	A	115	5.0CT	3.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.11	11.22	9.93	8.94
553-F-13X	A	115	6.3	0.6	Leads	0.188	1.375	2.375	1.375	2.00	- - -	7.91	6.78	6.00	5.40
553-F314X	A	115/230	6.3CT	1.2	Leads	0.188	1.625	2.813	1.625	2.375	- - -	13.64	11.56	10.23	9.21
* 553-F-14X	A	115	6.3CT	1.2	Leads	0.188	1.625	2.813	1.625	2.453	- - -	10.60	8.99	7.99	7.21
553-F-16X	A	115	6.3CT	3.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	12.51	10.61	9.39	8.45
553-F-18X	A	115	6.3CT	6.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	17.13	14.53	12.85	11.57
* 553-F217X	A	115	12.0	1.2	Leads	0.188	2.00	3.25	1.75	2.813	- - -	11.87	9.99	8.89	7.99
553-F-114X	A	115	12.0CT	0.7	Leads	0.188	1.625	2.813	1.625	2.375	- - -	9.07	7.71	6.89	6.17
* 553-F224X	A	115	12.6	3.0	Leads	0.188	2.25	3.75	2.125	3.125	- - -	16.24	13.62	12.05	10.85
553-F325X	A	115/230	12.6CT	1.5	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.91	11.79	10.44	9.39
553-F-70X	A	115	12.6CT	1.0	Leads	0.188	1.938	3.313	1.750	2.813	- - -	11.22	9.42	8.34	7.50
553-F-25X	A	115	12.6CT	1.5	Leads	0.188	1.938	3.313	2.00	2.813	- - -	11.38	9.63	8.52	7.67
* 553-F-44X	A	115	12.6CT	2.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.80	11.71	10.36	9.32
553-F-344X	A	115/230	12.6CT	2.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	14.36	12.21	10.91	9.76
553-F112X	A	115	14.0CT	0.25	Leads	0.188	1.375	2.375	1.375	2.00	- - -	10.40	8.84	7.90	6.99
553-F251X	A	115	14.0CT	2.0	Leads	0.188	2.25	1.688	1.938.	3.125	- - -	13.67	11.62	10.39	9.30
553-F253U	B	115	14.0CT	6.0	Leads	0.203 x 0.375	3.375	2.813	2.875	2.25	2.375	34.73	29.52	26.39	23.62
553-F-250X	A	115	14.0CT	1.0	Leads	0.188	1.938	3.25	1.75	2.813	- - -	12.49	10.62	9.49	8.49
553-F255X	A	115	20.0CT	2.0	Leads	0.188	2.563	4.00	2.25	3.563	- - -	17.71	15.02	13.29	11.97
* 553-F-46X	A	115	24.0	1.0	Leads	0.188	1.938	3.25	2.125	2.813	- - -	10.89	9.26	8.28	7.41
553-F3116X	A	115/230	24.0CT	0.2	Leads	0.188	1.375	2.375	1.50	2.00	- - -	12.13	10.28	9.10	8.19
553-F193U	B	115	24.0CT	4.0	Leads	0.203 x 0.375	3.813	3.125	2.813	2.50	2.125	28.96	24.56	21.74	19.56
553-F-115X	A	115	24.0CT	0.085	Leads	0.188	1.188	2.063	1.375	1.750	- - -	9.67	8.20	7.26	6.53
553-F-116X	A	115	24.0CT	0.2	Leads	0.188	1.375	2.375	1.50	2.00	- - -	10.08	8.67	7.75	6.94
553-F-117X	A	115	24.0CT	0.4	Leads	0.188	1.625	2.813	1.625	2.375	- - -	11.12	9.23	8.53	7.63
553-F-118X	A	115	24.0CT	0.7	Leads	0.188	2.00	3.25	2.00	2.813	- - -	11.95	10.26	9.17	8.21
* 553-F-45X	A	115	24.0CT	1.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	10.93	9.29	8.31	7.34
553-F345X	A	115/230	24.0CT	1.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.38	11.36	10.05	9.05
553-F-192X	A	115	24.0CT	2.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	17.20	14.57	12.89	11.60
553-F260U	B	115	24.0CT	6.0	Leads	.203 x .375	3.750	3.125	3.50	2.50	2.875	39.64	33.69	30.13	26.96
553-F401U	B	115	24.0CT	10.0	Leads	.203 x .375	4.125	3.438	3.750	2.750	3.0	43.11	36.64	32.76	29.31
553-F-57X	A	115	25.2CT	1.0	Leads	0.188	1.938	3.563	2.00	2.188	- - -	11.87	10.06	8.91	8.02
553-F-41X	A	115	25.2CT	2.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	14.58	12.39	10.99	9.91
553-F-341X	A	115/230	25.2CT	2.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	18.51	15.73	13.99	12.59
553-F-56X	A	115	25.2CT	2.8	Leads	0.188	2.656	4.00	2.25	3.563	- - -	18.78	15.94	14.10	12.69
553-F-40X	A	115	26.8CT	1.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	12.00	10.20	9.12	8.16
553-F-340X	A	115/230	26.8CT	1.0	Leads	0.188	2.594	4.00	2.25	2.563	- - -	17.53	14.87	13.16	11.84
553-F3185U	B	115/230	28.0CT	2.0	Leads	0.203 x 0.375	3.063	2.50	2.438	2.00	2.25	19.02	16.16	14.46	12.93
553-F-54X	A	115	35.0CT	1.5	Leads	0.188	2.594	4.00	2.25	3.563	- - -	17.62	15.13	13.53	12.11

* -60Hz

Multiple Secondary

*# 553-F243U	B	115	18.0CT	4.0	Lugs	0.203 x 0.375	3.50	4.125	3.25	3.438	2.25	46.27	39.33	34.99	31.46

#-Windings may be connected in series to obtain their combined voltage when properly phased. Current will be equal to the current of the lowest winding.
Example: Two 6.3V windings @ 2A in series would be 12.6V @ 2A. Windings may also be connected in parallel to obtain combined current.
Example: Two 6.3V windings @ 2A in a parallel would be 6.3V @ 4A.

* -60Hz

Primary: 115/230 Volts/Secondaries: 12/24 Volts

MOUSER STOCK NO.	Fig.	Power VA	Secondary Ratings		Connections	Mounting Hole Size (In.)	Dimensions (In.)					Price Each			
			Series	Parallel			H	W	D	MW	MD	1	10	25	50
553-F107Z	C	48	24.0CT @ 2.0A	12.0V @ 4.0A	Lugs	0.188	3.125	3.625	2.375	3.125	- - -	17.24	14.65	13.10	11.72
553-F108U	B	96	24.0CT @ 4.0A	12.0V @ 8.0A	Lugs	0.203 x 0.375	3.406	2.813	3.188	2.25	2.25	31.53	26.75	23.67	21.31
553-F214U	B	96	48.0CT @ 2.0A	24.0V @ 4.0A	Lugs	0.203 x 0.375	3.406	2.813	3.188	2.25	2.625	31.22	25.99	23.71	20.71
553-F109U	B	192	24.0CT @ 8.0A	12.0V @ 16.0A	Lugs	0.203 x 0.375	4.188	3.438	3.563	2.75	3.00	58.69	49.89	44.60	39.91

PC Mount Single Primary 115V 50/60Hz, Dual Secondaries

MOUSER STOCK NO.	Fig.	Power VA	Secondary Ratings		Mounting Hole Size (In.)	Dimensions (In.)							Price Each			
			Series	Parallel		H	W	D	L	A	B	MW	1	10	25	50
553-F143XP	D	4.5	30.0V CT @ 0.150A	15.0V @ 0.300A	0.188	1.438	2.375	1.25	1.703	0.406	1.094	2.00	10.83	9.29	8.31	7.43

Dual Primary 115/230V, 50/60Hz, Dual Secondaries

553-F3132P	E	1.5	15.0CT @ 0.1A	7.5V @ 0.2A	0.188	1.188	- - -	1.125	- - -	1.203	1.00	- - -	7.40	6.29	5.62	4.99
553-F333P	E	1.5	30.0V CT @ 0.05A	15.0V @ 0.100A	0.188	1.188	- - -	1.125	- - -	1.203	1.00	- - -	8.62	7.33	6.55	5.86
553-F372P	E	24	16.0V CT @ 1.5A	8.0V @ 3.0A	0.188	1.375	- - -	2.25	1.625	0.25	2.109	- - -	11.11	9.44	8.44	7.55

Universal, 115 Volts with X Case

• Hi-pot tested @ 1,500VRMS

MOUSER STOCK NO.	Fig.	Power Voltage	Secondary Ratings		Connections	Mounting Hole Size (In.)	Dimensions (In.)					Price Each			
			AC Volts	DC AMPS			H	W	D	MW	MD	1	10	25	50
† 553-F90X	A	115	10-20CT - 40CT	0.1	Leads	0.188	1.625	1.813	1.625	2.375	- - -	12.74	10.94	9.78	8.75

†-Tapped primary to produce lower voltages

MagneTek Power Transformers

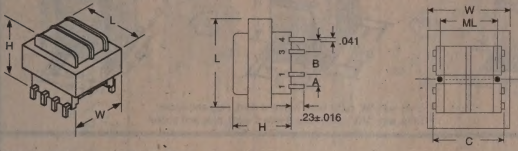
SPLIT-PACK® POWER TRANSFORMERS

The Triad Split-Pack® split bobbin transformer from MagneTek is an extremely versatile tool for PC board applications. Split-Pack® transformers are nonconcentrically wound with primaries and secondaries side-by-side. Unlike the secondary on-top-of-primary designs of standard PC board transformers, the split-bobbin winding and low capacitive coupling eliminate costly electrostatic shielding.

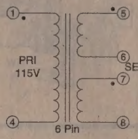
Features:

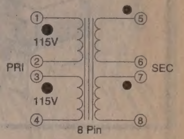
- Primary: 115/230V 50/60Hz
- Hi-pot tested at 2,500VRMS
- Class B UL recognized
- PC terminal pin spacing for accurate placement

Series connections:
Primary: input 1 and 4, connect 2 and 3
Secondary: output 5 and 8, connect 6 and 7
Parallel connections
Primary: input 1 and 2, connect 1 and 3, 2 and 4
Secondary: output 5 and 6, connect 5 and 7, 6 and 8



DIMENSIONS (IN.)





Single Primary 115V, 6 Pins

*Has 4 mounting holes on 2.188 x 1.75 centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power (VA)	Secondary Ratings		Dimensions (In.)							Price Each			
		Series	Parallel	H	W	L	ML	A	B	C	1	10	25	50
553-F24-045	1.1	24.0VCT @ 0.045A	12.0V @ .09A	.9375	1.125	1.375	- - -	0.25	0.25	1.20	7.51	6.38	5.71	5.11
553-F10-250	2.5	10.0VCT @ 0.25A	5.0V @ 0.5A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	7.64	6.49	5.81	5.20
553-F12-200	2.5	12.6VCT @ 0.2A	6.3V @ 0.4A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	7.64	6.49	5.81	5.20
553-F16-150	2.5	16.0VCT @ 0.15A	8.0V @ 0.3A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	7.64	6.49	5.81	5.20
553-F36-65	2.5	36.0VCT @ 0.065A	18.0V @ 0.13A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	7.64	6.49	5.81	5.20
553-F12-500	6.0	12.6VCT @ 0.5A	6.3V @ 1.0A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	8.64	7.34	6.57	5.88
553-F16-400	6.0	16.0VCT @ 0.4A	8.0V @ 0.8A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	8.64	7.34	6.57	5.88
553-F20-300	6.0	20.0VCT @ 0.3A	10.0V @ 0.6A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	8.64	7.34	6.57	5.88
553-F24-250	6.0	24.0VCT @ 0.25A	12.0V @ 0.5A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	8.64	7.34	6.57	5.88
553-F28-200	6.0	28.0VCT @ 0.2A	14.0V @ 0.4A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	8.64	7.34	6.57	5.88
553-F10-1200	12.0	10.0VCT @ 1.2A	5.0V @ 2.4A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	9.91	8.42	7.53	6.78
553-F12-1000	12.0	12.6VCT @ 1.0A	6.3V @ 2.0A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	9.91	8.42	7.53	6.78
553-F20-600	12.0	20.0VCT @ 0.6A	10.0V @ 1.2A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	9.91	8.42	7.53	6.78
553-F24-500	12.0	24.0VCT @ 0.5A	12.0V @ 1.0A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	9.91	8.42	7.53	6.78
553-F20-1000	20.0	20.0VCT @ 1.0A	10.0V @ 2.0A	1.438	1.875	2.250	1.50	0.30	0.40	1.60	11.84	9.99	8.99	7.99
553-F16-2250	36.0	16.0VCT @ 2.25A	8.0V @ 4.5A	1.563	2.188	2.625	*	0.40	0.40	1.85	15.27	12.98	11.61	10.38

Dual Primary 115V/230V, 8 Pins

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power (VA)	Series	Parallel	H	W	L	ML	A	B	C	1	10	25	50
553-FS48-023	1.1	48.0VCT @ 0.023A	24.0V @ 0.046A	.9375	1.125	1.375	- - -	0.25	0.25	1.20	8.71	7.40	6.62	5.92
553-FS10-250	2.5	10.0VCT @ 0.25A	5.0V @ 0.5A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	9.00	7.65	6.84	6.12
553-FS12-200	2.5	12.6VCT @ 0.2A	6.3V @ 0.4A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	9.00	7.65	6.84	6.12
553-FS16-150	2.5	16.0VCT @ 0.15A	8.0V. @ 0.3A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	9.00	7.65	6.84	6.12
553-FS24-100	2.5	24.0VCT @ 0.1A	12.0V @ 0.2A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	9.00	7.65	6.84	6.12
553-FS36-65	2.5	36.0VCT @ 0.065A	18.0V @ 0.13A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	9.00	7.65	6.84	6.12
553-FS48-050	2.5	48.0VCT @ 0.05A	24.0V @ 0.1A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	9.00	7.65	6.84	6.12
553-FS10-600	6.0	10.0VCT @ 0.6A	5.0V @ 1.2A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	9.60	8.16	7.30	6.53
553-FS12-500	6.0	12.6VCT @ 0.5A	6.3V @ 1.0A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	9.60	8.16	7.30	6.53
553-FS16-400	6.0	16.0VCT @ 0.4A	8.0V @ 0.8A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	9.60	8.16	7.30	6.53
553-FS20-300	6.0	20.0VCT @ 0.3A	10.0V @ 0.6A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	9.60	8.16	7.30	6.53
553-FS24-250	6.0	24.0VCT @ 0.25A	12.0V @ 0.5A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	9.60	8.16	7.30	6.53
553-FS28-200	6.0	28.0VCT @ 0.2A	14.0V @ 0.4A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	9.60	8.16	7.30	6.53
553-FS36-170	6.0	36.0VCT @ 0.17A	18.0V @ 0.34A	1.313	1.313	1.625	1.063	0.25	0.35	1.28	9.60	8.16	7.30	6.53
553-FS12-1000	12	12.6VCT @ 1.0A	6.3V @ 2.0A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	11.00	9.35	8.36	7.48
553-FS16-800	12	16.0VCT @ 0.8A	8.0V @ 1.6A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	11.00	9.35	8.36	7.48
553-FS20-600	12	20.0VCT @ 0.6A	10.0V @ 1.2A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	11.00	9.35	8.36	7.48
553-FS24-500	12	24.0VCT @ 0.5A	12.0V @ 1.0A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	11.00	9.35	8.36	7.48
553-FS28-420	12	28.0VCT @ 0.42A	14.0V @ 0.84A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	11.00	9.35	8.36	7.48
553-FS36-350	12	36.0VCT @ 0.35A	18.0V @ 0.7A	1.438	1.563	1.875	1.25	0.30	0.40	1.41	11.00	9.35	8.36	7.48
553-FS12-1600	20	12.6VCT @ 1.6A	6.3V @ 3.2A	1.188	1.125	1.375	- - -	0.25	0.25	1.20	13.51	11.48	10.27	9.19
553-FS20-1000	20	20.0VCT @ 1.0A	10.0V @ 2.0A	1.438	1.875	2.250	1.50	0.30	0.40	1.60	13.51	11.48	10.27	9.19
553-FS24-800	20	24.0VCT @ 0.8A	12.0V @ 1.6A	1.438	1.875	2.250	1.50	0.30	0.40	1.60	13.51	11.48	10.27	9.19
553-FS20-1800	36	20.0VCT @ 1.8A	10.0V @ 3.6A	1.563	2.188	2.625	*	0.40	0.40	1.85	16.84	14.31	12.80	11.45
553-FS24-1500	36	24.0VCT @ 1.5A	12.0V @ 3.0A	1.563	2.188	2.625	*	0.40	0.40	1.85	16.84	14.31	12.80	11.45
553-FS28-1300	36	28.0VCT @ 1.3A	14.0V @ 2.6A	1.563	2.188	2.625	*	0.40	0.40	1.85	16.84	14.31	12.80	11.45
553-FS36-1000	36	36.0VCT @ 1.0A	18.0V @ 2.0A	1.563	2.188	2.625	*	0.40	0.40	1.85	16.84	14.31	12.80	11.45

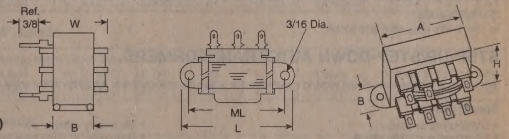
QUICK PACK® POWER TRANSFORMERS

The Triad Quick Pack® offers a significant reduction in size and weight for a given VA rating. They are available in 5 sizes for a wide variety of applications. Quick Pack® transformers are bobbin wound for reduced size and small operating space, plus split bobbin nonconcentric winding eliminates costly electrostatic shielding. Termination is suitable for quick connects or soldering.

Features:

- Primary: 115 or 115/230V 50/60Hz
- Hi-pot tested at 2,500VRMS
- Terminal size is 3/16" x .021"
- Class B insulation for max temperature of 130°C
- UL recognized

DIMENSIONS (IN.)



Single Primary 115V

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Primary VAC	Output VA	Output Rating	Mounting Hole Size	Dimensions (In.)						Price Each			
					L	W	H	A	B	ML	1	10	25	50
553-F4-12	115	6.0	12.6VCT @ 0.5A	0.188"	2.375	1.25	1.375	1.688	.688	2.00	8.40	7.14	6.38	5.71
553-F5-10	115	12.0	10.0VCT @ 1.2A	0.188"	2.813	1.375	1.625	1.938	.813	2.375	9.20	7.82	6.99	6.26
553-F5-12	115	12.0	12.6VCT @ 1.0A	0.188"	2.813	1.375	1.625	1.938	.813	2.375	9.20	7.82	6.99	6.26
553-F5-16	115	12.0	16.0VCT @ 0.8A	0.188"	2.813	1.375	1.625	1.938	.813	2.375	9.20	7.82	6.99	6.26
553-F6-12	115	30.0	12.6VCT @ 2.5A	0.188"	3.25	1.688	1.938	2.938	1.063	2.813	12.51	10.63	9.51	8.51
553-F6-24	115	30.0	24.0VCT @ 1.25A	0.188"	3.25	1.688	1.938	2.938	1.063	2.813	12.51	10.63	9.51	8.51
553-F7-20	115	56.0	20.0VCT @ 2.8A	0.188"	3.688	1.813	2.25	2.688	1.063	3.125	17.40	14.79	13.22	11.83
553-F7-24	115	56.0	24.0VCT @ 2.4A	0.188"	3.688	1.813	2.25	2.688	1.063	3.125	17.40	14.79	13.22	11.83
553-F8-24	115	100.0	24.0VCT @ 4.0A	0.188"	4.031	2.25	2.563	3.063	1.313	3.563	25.00	21.25	18.99	16.99

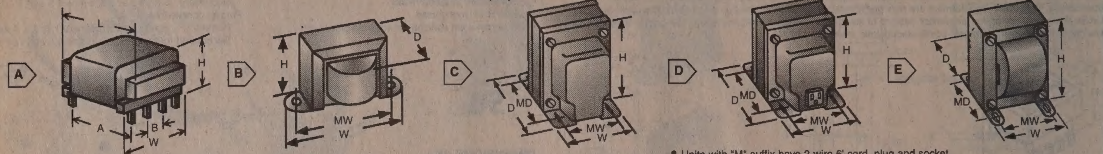
Dual Primary 115/230V

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Primary VAC	Output VA	Output Rating	Mounting Hole Size	L	W	H	A	B	ML	1	10	25	50
553-FD5-16	115/230	12.0	16.0VCT @ 0.8A	0.188"	2.813	1.375	1.625	1.938	.813	2.375	11.09	9.66	8.63	7.72
553-FD6-12	115/230	30.0	12.6VCT @ 2.5A	0.188"	3.25	1.688	1.938	2.938	1.063	2.813	14.71	12.50	11.18	9.99
553-FD6-20	115/230	30.0	20.0VCT @ 1.5A	0.188"	3.25	1.688	1.938	2.938	1.063	2.813	14.71	12.50	11.18	9.99
553-FD7-16	115/230	56.0	16.0VCT @ 3.5A	0.188"	3.688	1.813	2.25	2.688	1.063	3.125	18.00	15.30	13.68	12.24
553-FD7-24	115/230	56.0	24.0VCT @ 2.4A	0.188"	3.688	1.813	2.25	2.688	1.063	3.125	18.00	15.30	13.68	12.24
553-FD7-36	115/230	56.0	36.0VCT @ 1.5A	0.188"	3.688	1.813	2.25	2.688	1.063	3.125	18.00	15.30	13.68	12.24

MagneTek Power Transformers and Autotransformers

DIMENSIONS (IN.)



- Units with "M" suffix have 2-wire 6' cord, plug and socket
- Units with "MG" suffix have 3-wire 6' cord, plug and socket

FLAT PACK POWER TRANSFORMERS

The Triad Flat Pack power transformer from Magnetek is designed to meet the needs of low clearance PC board and solid state power designs. These units can also be used for control and instrumentation applications. Voltages and currents were chosen for widely used power applications. It is offered in a dual primary and dual secondary configuration.

Features:

- Split bobbin with side-by-side windings to reduce capacitance and eliminate the need for a static shield
- Low profile: Allows 3/4" card spacing for 2.5 VA units, allows 1" card spacing for 6 VA units, allows 1 1/4" card spacing for 12 VA units

Specifications:

- Hi-pot tested at 2000 V_{RMS}
- Primary: 115/230V, 50/60Hz

MOUSER STOCK NO.	Fig.	Power (VA)	Secondary Ratings		Dimensions (In.)					Price Each				
			Series	Parallel	H	W	L	A	B	1	10	25	50	100
553-FP10-250	A	2.5	10.0VCT @ 0.25A	5.0V @ 0.5A	0.650	1.562	1.875	1.600	0.375	10.76	9.15	8.18	7.31	Call For Quote
553-FP12-200	A	2.5	12.6VCT @ 0.2A	6.3V @ 0.4A	0.650	1.562	1.875	1.600	0.375	10.76	9.15	8.18	7.31	
553-FP30-85	A	2.5	30.0VCT @ 0.08A	15.0V @ 0.16A	0.650	1.562	1.875	1.600	0.375	10.76	9.15	8.18	7.31	
553-FP10-600	A	6.0	10.0VCT @ 0.6A	5.0V @ 1.2A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP12-475	A	6.0	12.6VCT @ 0.475A	6.3V @ 0.95A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP16-375	A	6.0	16.0VCT @ 0.375A	8.0V @ 0.75A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP20-300	A	6.0	20.0VCT @ 0.3A	10.0V @ 0.6A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP24-250	A	6.0	24.0VCT @ 0.25A	12.0V @ 0.5A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP30-200	A	6.0	30.0VCT @ 0.2A	15.0V @ 0.4A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP40-150	A	6.0	40.0VCT @ 0.15A	20.0V @ 0.3A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP230-25	A	6.0	230.0VCT @ 0.025A	115.0V @ 0.05A	0.875	1.562	1.875	1.600	0.375	11.99	10.20	9.13	8.16	
553-FP12-950	A	12.0	12.6VCT @ 0.95A	6.3V @ 1.9A	1.062	2.000	2.500	2.000	0.500	13.99	11.90	10.64	9.52	Call For Quote
553-FP16-750	A	12.0	16.0VCT @ 0.75A	8.0V @ 1.5A	1.062	2.000	2.500	2.000	0.500	13.99	11.90	10.64	9.52	
553-FP20-600	A	12.0	20.0VCT @ 0.6A	10.0V @ 1.2A	1.062	2.000	2.500	2.000	0.500	13.99	11.90	10.64	9.52	
553-FP24-500	A	12.0	24.0VCT @ 0.5A	12.0V @ 1.0A	1.062	2.000	2.500	2.000	0.500	13.99	11.90	10.64	9.52	
553-FP30-400	A	12.0	30.0VCT @ 0.4A	15.0V @ 0.8A	1.062	2.000	2.500	2.000	0.500	13.99	11.90	10.64	9.52	
553-FP34-340	A	12.0	34.0VCT @ 0.34A	17.0V @ 0.68A	1.062	2.000	2.500	2.000	0.500	13.99	11.90	10.64	9.52	
553-FP40-300	A	12.0	40.0VCT @ 0.3A	20.0V @ 0.6A	1.062	2.000	2.500	2.000	0.500	13.99	11.90	10.64	9.52	

ISOLATION POWER TRANFORMERS

For isolating equipment from direct connection to the power line. The primary and secondary are nonconcentric precision wound on separate arbors, assembled on a laminate core side by side separated by insulation. Preventing electrical connection, under normal or overload conditions.

Specifications:

- Secondary voltage: ±5%
- Leakage current from primary to secondary is rated at less than 50μA and is typically measured at less than 10μA
- Hi-pot tested at 1500V
- Units with "M" suffix have 2-wire 6' cord, plug and socket.
  Line cord, plug and receptacle are UL listed and verified to meet federal specifications

MOUSER STOCK NO.	Fig.	Power (VA)	Primary Voltages	Secondary Ratings		Mounting Hole Size (In.)	Dimensions (In.)					Price Each				
				Volts	Amps		H	W	D	MW	MD	1	10	25	50	100
553-N48X	B	15	115	115	0.13	0.188	1.938	3.313	2.0	2.813	- - -	14.49	12.28	10.87	9.78	Call For Quote
553-N51X	B	35	115	115	0.3	0.188	2.281	3.688	2.125	3.125	- - -	14.98	12.73	11.38	10.19	
553-N68X	B	50	115/230§	115	0.435	0.188	2.281	3.688	2.125	3.125	- - -	19.40	16.45	14.56	13.10	
* 553-N54M	D	150	115	115	1.3	0.375 x 0.188	3.875	3.281	4.25	2.50	3.0	54.98	46.73	41.78	37.39	
553-N67A	C	150	115/230§	115	1.3	0.375 x 0.188	3.875	3.281	3.875	2.50	3.0	42.24	35.83	31.71	28.54	
553-N66A	C	250	115/230§	115	2.17	0.375 x 0.188	4.625	3.938	4.625	3.0	3.625	62.16	52.71	46.64	41.98	
553-N77U	E	100	115/230	115	0.86	0.203 x 0.375	3.4375	2.8125	3.0	2.25	2.50	30.69	25.99	23.32	20.87	

§ = Split winding

* Has 2 wire plug, cord, and socket

STEP-UP/STEP-DOWN AUTOTRANSFORMERS

Triad autotransformers are single winding transformers in which the primary coil is a fraction of the entire winding for voltage step-up or the secondary coil is a fraction of the entire winding for voltage step-down.

Specifications:

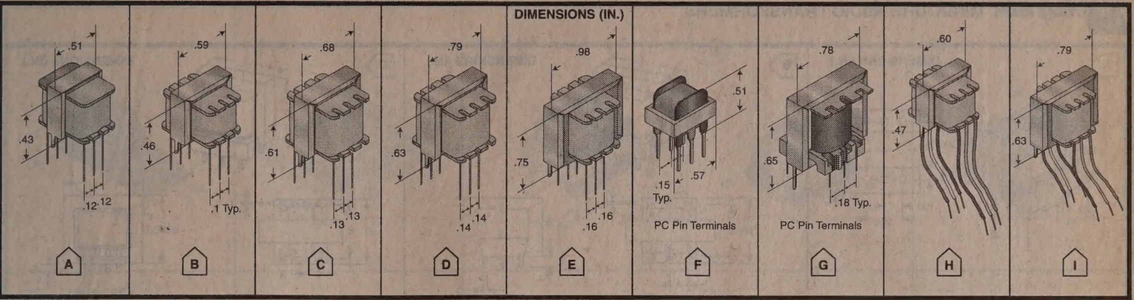
- 50/60Hz line frequency
- Hi-pot tested at 1,500 VRMS
- Secondary voltage: ±5
- Units with "M" suffix have 2-wire 6' cord, plug and socket
- Units with "MG" suffix have 3-wire 6' cord, plug and socket

MOUSER STOCK NO.	Fig.	Power (VA)	Primary Voltages	Secondary Ratings		Mounting Hole Size (In.)	Dimensions (In.)					Price Each				
				Volts	Amps		H	W	D	MW	MD	1	10	25	50	100
553-N1X	B	50	230	115	0.435	0.188	2.281	3.688	2.0	3.125	- - -	11.01	9.36	8.37	7.49	Call For Quote
553-N2X	B	100	230	115	0.87	0.188	2.625	4.0	2.063	3.625	- - -	16.18	13.75	12.30	10.99	
553-N3M	D	85	230	115	0.74	0.375 x 0.188	3.594	2.969	2.875	2.813	1.625	29.31	24.86	22.00	19.80	
* 553-N3MG	D	85	230	115	0.74	0.375 x 0.188	3.594	2.969	3.50	2.25	2.125	40.80	34.68	29.99	27.74	
553-N4M	D	150	230	115	1.3	0.375 x 0.188	3.594	2.969	3.625	2.25	2.375	40.36	34.31	30.67	27.44	
* 553-N4MG	D	150	230	115	1.3	0.375 x 0.188	3.594	2.969	4.25	2.25	2.875	54.98	46.73	41.78	37.39	
553-N6U	E	200	230	115	1.7	0.203 x 0.375	3.375	2.813	2.813	2.25	2.25	31.36	26.65	23.83	21.32	
553-N5M	D	250	230	115	2.17	0.375 x 0.188	3.875	3.281	4.25	2.50	3.0	47.24	38.65	35.90	32.12	
* 553-N5MG	D	250	230	115	2.17	0.375 x 0.188	3.875	3.281	4.813	2.50	3.5	67.60	57.46	51.38	45.97	
553-N7M	D	600	230	115	5.22	0.375 x 0.188	4.625	3.938	5.0	3.0	3.875	56.04	47.53	42.06	37.85	
* 553-N7MG	D	600	230	115	5.22	0.375 x 0.188	4.625	3.938	5.0	3.0	3.875	76.02	64.62	57.78	51.69	
553-N9MG	D	1250	230	115	10.85	0.656 x 0.28	5.313	4.50	6.0	3.50	4.50	150.29	127.75	114.22	102.19	
553-N150MG	D	150	115	230	0.65	0.375 x 0.188	3.594	2.969	3.313	2.25	2.125	54.98	46.73	41.78	37.39	
553-N250MG	D	250	115	230	1.1	0.375 x 0.188	3.875	3.25	3.688	2.25	2.438	67.60	57.46	51.38	45.97	
553-N1000MG	D	1000	115	230	4.35	0.5 x 0.25	5.375	4.50	5.50	3.50	4.125	125.96	106.99	95.73	85.65	

* Has 2 wire plug, cord, and socket

HiQ™ Audio Transformers

DIMENSIONS (IN.)



PC LEADS

* Dual Secondaries

MOUSER STOCK NO.	Fig.	Impedance (Ω)		Resistance (Ω)		Application (Typical)	Price Each		
		Pri.	Sec.	Pri.	Sec.		1	10	100
Microminiature Core Type EI-12									
42TC016	A	600 CT	600 CT	68	55	Coupling	**2.91**	**2.40**	**2.19**
42TC001	A	500 CT	8 CT	44	1	Output	**2.91**	**2.40**	**2.19**
42TC013	A	1K CT	8 CT	55	1	Output	**3.05**	**2.76**	**2.52**
Ultraminiature Core Type EI-14, 75mW Max Output									
42TL023	B	300 CT	600 CT	30	35	Coupling	**1.52**	**1.38**	**1.25**
42TL016	B	600 CT	600 CT	65	55	Coupling	**1.52**	**1.38**	**1.25**
42TL020	B	600 CT	900 CT	36	50	Coupling	**1.52**	**1.38**	**1.25**
42TL027	B	1K CT	2K CT	130	140	Coupling	**1.52**	**1.38**	**1.25**
42TL022	B	1.5K CT	600 CT	125	55	Coupling	**1.52**	**1.38**	**1.25**
42TL021	B	4K CT	600 CT	148	64	Coupling	**1.52**	**1.38**	**1.25**
42TL019	B	10K CT	600 CT	450	100	Coupling	**1.86**	**1.59**	**1.44**
42TL024	B	10K CT	500 CT	530	136	Coupling	**1.82**	**1.66**	**1.50**
42TL025	B	17K CT	1K CT	693	146	Coupling	**1.90**	**1.66**	**1.50**
42TL017	B	20K CT	600 CT	693	66	Coupling	**1.86**	**1.59**	**1.44**
42TL009	B	500 CT	500 CT	40	38	Interstage	**1.52**	**1.38**	**1.25**
42TL011	B	1.5K CT	500 CT	120	55	Interstage	**1.52**	**1.38**	**1.25**
42TL012	B	10K CT	5K CT	900	500	Interstage	**2.08**	**1.73**	**1.56**
42TL018	B	7K CT	10K CT	400	385	Interstage	**1.86**	**1.56**	**1.41**
42TL006	B	20K CT	1K CT	600	110	Interstage	**1.75**	**1.59**	**1.44**
42TL002	B	10K CT	2K CT	500	200	Driver	**1.75**	**1.59**	**1.44**
42TL004	B	200 CT	8 CT	12	1	Output	**1.52**	**1.38**	**1.25**
42TL001	B	500 CT	8 CT	35	1	Output	**1.52**	**1.38**	**1.25**
42TL008	B	800 CT	8 CT	40	1	Output	**1.52**	**1.38**	**1.25**
42TL013	B	1K CT	8 CT	60	1	Output	**1.52**	**1.38**	**1.25**
42TL003	B	1.2K CT	8 CT	80	1	Output	**1.52**	**1.38**	**1.25**
42TL026	B	500 CT	16 CT	43	1.9	Output	**1.52**	**1.38**	**1.25**
Dual Secondary Ultraminiature Core Type EI-14, 75mW Max Output									
42TL028	B	600 CT	600/600	72	56/56	Coupling	**1.72**	**1.56**	**1.41**
Micro-Subminiature Core Type EI-16, 100mW Max Output									
42MC009	C	500 CT	500 CT	30	28	Interstage	**1.89**	**1.56**	**1.43**
42MC001	C	500 CT	8 CT	80	3.5	Output	**1.89**	**1.56**	**1.43**
42MC003	C	1.2K CT	8 CT	80	1	Output	**1.89**	**1.56**	**1.43**
Core Type EI-19, 200mW Max Output									
42TM114	D	4.6K CT	20 CT	300	2	Input	**1.98**	**1.66**	**1.51**
42TM117	D	50K CT	1K CT	1.2K	42	Input	**2.36**	**1.89**	**1.72**
42TM023	D	600 CT	300 CT	55	30	Coupling	**1.91**	**1.52**	**1.38**
42TM016	D	600 CT	600 CT	65	55	Coupling	**1.91**	**1.52**	**1.38**
42TM020	D	600 CT	900 CT	36	50	Coupling	**1.91**	**1.52**	**1.38**
42TM027	D	1K CT	2K CT	85	85	Coupling	**1.91**	**1.52**	**1.38**
42TM022	D	1.5K CT	600 CT	65	45	Coupling	**1.91**	**1.52**	**1.38**
42TM021	D	4K CT	600 CT	244	77	Coupling	**1.91**	**1.52**	**1.38**
42TM024	D	10K CT	500 CT	550	150	Coupling	**1.98**	**1.66**	**1.51**
42TM019	D	10K CT	600 CT	600	100	Coupling	**2.36**	**1.89**	**1.72**
42TM025	D	17K CT	1K CT	700	150	Coupling	**2.36**	**1.89**	**1.72**
42TM017	D	25K CT	600 CT	1000	80	Coupling	**2.36**	**1.89**	**1.72**
42TM009	D	500 CT	500 CT	50	40	Interstage	**1.91**	**1.52**	**1.38**
42TM011	D	1.5K CT	500 CT	120	50	Interstage	**1.91**	**1.52**	**1.38**
42TM018	D	10K CT	10K CT	550	500	Interstage	**2.36**	**1.89**	**1.72**
42TM012	D	10K CT	5K CT	900	500	Interstage	**2.36**	**1.89**	**1.72**
42TM006	D	20K CT	1K CT	900	70	Interstage	**1.98**	**1.66**	**1.51**
42TM113	D	8K	3K CT	300	200	Driver	**1.98**	**1.66**	**1.51**
42TM002	D	10K CT	2K CT	600	155	Driver	**1.98**	**1.66**	**1.51**
42TM004	D	200 CT	8 CT	12	1	Output	**1.91**	**1.52**	**1.38**
42TM010	D	350 CT	8 CT	20	1	Output	**1.91**	**1.52**	**1.38**
42TM118	D	400 CT	8 CT	40	1	Output	**1.91**	**1.52**	**1.38**
42TM001	D	500 CT	8 CT	26	1	Output	**1.91**	**1.52**	**1.38**

PC LEADS

* Dual Secondaries

MOUSER STOCK NO.	Fig.	Impedance (Ω)		Resistance (Ω)		Application (Typical)	Price Each		
		Pri.	Sec.	Pri.	Sec.		1	10	100
Core Type EI-19 200mW Max Output									
42TM008	D	800 CT	8 CT	40	1	Output	**1.91**	**1.52**	**1.38**
42TM013	D	1K CT	8 CT	75	1	Output	**1.91**	**1.52**	**1.38**
42TM003	D	1.2K CT	8 CT	80	1	Output	**1.91**	**1.52**	**1.38**
42TM026	D	500 CT	16 CT	50	5	Output	**1.91**	**1.52**	**1.38**
Dual Secondary Core Type EI-19, 200mW Max Output									
* **42TM028**	D	600 CT	600/600	78	65/60	Coupling	**2.36**	**1.89**	**1.72**
Miniature Core Type EI-24, 400mW Max Output									
42TU016	E	600 CT	600 CT	65	55	Coupling	**2.43**	**2.20**	**2.01**
42TU019	E	10K CT	600 CT	600	100	Coupling	**2.54**	**2.30**	**2.10**
42TU500	E	500 CT	500 CT	35	28	Interstage	**2.54**	**2.30**	**2.10**
42TU011	E	1.5K CT	500 CT	120	50	Interstage	**2.54**	**2.30**	**2.10**
42TU012	E	10K CT	5K CT	425	220	Interstage	**2.54**	**2.30**	**2.10**
42TU002	E	10K CT	2K CT	600	155	Driver	**2.54**	**2.30**	**2.10**
42TU048	E	48 CT	8 CT	2.5	.5	Output	**2.43**	**2.20**	**2.01**
42TU120	E	120 CT	8 CT	7	.7	Output	**2.54**	**2.30**	**2.10**
42TU200	E	200 CT	8 CT	12	.5	Output	**2.54**	**2.30**	**2.10**
42TU400	E	500 CT	8 CT	18	.7	Output	**2.54**	**2.30**	**2.10**
42TU008	E	800 CT	8 CT	40	1	Output	**2.54**	**2.30**	**2.10**
42TU013	E	1K CT	8 CT	75	1	Output	**2.54**	**2.30**	**2.10**
42TU003	E	1.2K CT	8 CT	75	1	Output	**2.54**	**2.30**	**2.10**

PC Pin Terminals

Microminiature Core Type EI-14									
42XL016	F	600 CT	600 CT	65	55	Coupling	**2.99**	**2.29**	**2.06**
42XL009	F	500 CT	500 CT	40	38	Interstage	**2.99**	**2.29**	**2.06**
42XL002	F	10K CT	2K CT	580	200	Driver	**2.99**	**2.29**	**2.06**
42XL003	F	1.2K CT	8 CT	80	1	Output	**2.99**	**2.29**	**2.06**
42XL001	F	500 CT	8 CT	35	1	Output	**2.99**	**2.29**	**2.06**
Micro-Subminiature Core Type EI-19, 100mW Max Output									
42XM016	G	600 CT	600 CT	65	55	Coupling	**3.14**	**2.62**	**2.39**
42XM012	G	10K CT	5K CT	900	500	Interstage	**2.22**	**2.02**	**1.84**

Dual Secondaries with PC Leads

Core Type EI-19, 200mW Max Output									
42TM028	D	600 CT	600/600	78	65/60	Coupling	**2.06**	**1.64**	**1.49**
Ultraminiature Core Type EI-14, 75mW Max Output									
42TL028	B	600 CT	600/600	78	56/56	Coupling	**1.72**	**1.56**	**1.41**

2 1/4" Leads

Ultraminiature Core Type EI-14, 75mW Max Output									
42KL001	H	500 CT	8 CT	36	1	Driver	**2.08**	**1.82**	**1.65**
42KL002	H	10K CT	2K CT	500	200	Driver	**2.08**	**1.82**	**1.65**

2" Leads

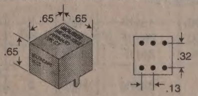
Subminiature Core Type EI-19, 200mW Max Output									
42KM002	I	10K CT	2K CT	570	155	Driver	**2.34**	**2.13**	**1.88**
42KM006	I	18K CT	1K CT	900	70	Driver	**2.34**	**2.13**	**1.88**
42KM019	I	20K CT	4 CT	1000	.5	Output	**2.08**	**1.82**	**1.65**
42KM001	I	500 CT	8 CT	20	1	Output	**2.08**	**1.82**	**1.65**
42KM008	I	800 CT	8 CT	40	1	Output	**2.08**	**1.82**	**1.65**
42KM014	I	1K CT	8 CT	40	.8	Output	**2.08**	**1.82**	**1.65**
42KM003	I	1.2K CT	8 CT	80	1	Output	**2.08**	**1.82**	**1.65**

SHIELDED AUDIO TRANSFORMERS

Epoxy encapsulated. Metal shielded to reduce magnetic cross coupling and electrostatic fields.

MOUSER STOCK NO.	Impedance (Ω)		Resistance (Ω)		Price Each		
	Primary	Secondary	Primary	Secondary	1	10	100
429-7216	600 CT	600 CT	65	55	**3.79**	**3.09**	**2.81**
429-7209	500 CT	500 CT	40	38	**3.79**	**3.09**	**2.81**
429-7218	7K CT	10K CT	400	385	**3.79**	**3.09**	**2.81**

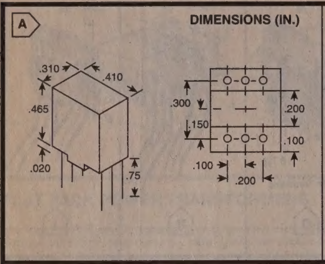
DIMENSIONS (IN.)

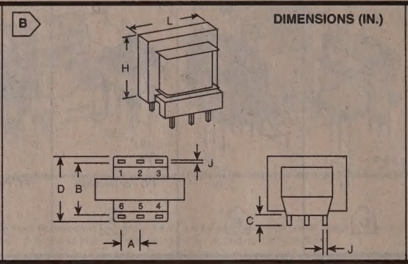


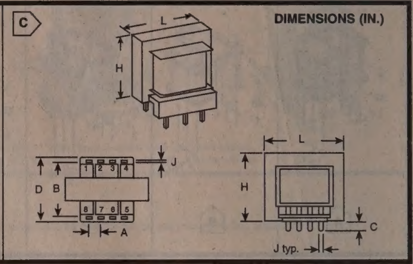
MOUSER STOCK NO.	Impedance (Ω)		Resistance (Ω)		Price Each		
	Primary	Secondary	Primary	Secondary	1	10	100
429-7202	10K CT	2K CT	580	200	**3.79**	**3.09**	**2.81**
429-7201	500 CT	8 CT	35	1	**3.79**	**3.09**	**2.81**

Audio Transformers

MagneTek MINIATURE AUDIO TRANSFORMERS







Red Spec High-Reliability Audio Transformers

Features:

- Impedance matching: 10% over frequency range
- Hi-pot tested at 1000 V_{RMS}
- Meets MIL-T-27D
- MIL Type: TF5S21ZZ (transformers) TF5S20ZZ (chokes)

MOUSER STOCK NO.	Fig.	Power (mW)	Working Voltage	Frequency Response	Impedance		DC Resistance		Price Each				
					Primary (Ω)	Secondary (Ω)	Primary (Ω)	Secondary (Ω)	1	10	25	50	100
553-SP4	A	10	150VDC	300Hz-150KHz	200K CT	1K CT	5300	100	21.29	17.99	16.18	14.48	
553-SP5	A	25	150VDC	300Hz-150KHz	50K CT	1K CT	3800	75	21.14	17.97	15.99	14.38	
553-SP20	A	50	150VDC	300Hz-150KHz	10K CT	1.2K CT	1050	200	20.84	17.71	15.84	14.17	Call
553-SP21	A	50	150VDC	300Hz-150KHz	10K CT	2K CT	1050	330	21.21	17.99	16.12	14.42	For
553-SP22	A	50	150VDC	300Hz-150KHz	10K	2K CT/500§	1050	146/168§	21.69	18.44	16.48	14.75	Quote
553-SP29	A	50	150VDC	300Hz-150KHz	10K CT	500 CT	1050	80	20.01	16.99	15.21	13.61	
553-SP33	A	50	150VDC	300Hz-150KHz	1K	50	145	8.0	17.25	14.66	13.11	11.73	
553-SP42	A	50	150VDC	300Hz-150KHz	150 CT	12	18	2.7	15.51	13.18	11.79	10.55	
553-SP48	A	50	150VDC	300Hz-150KHz	7.5K CT	12	796	2.9	18.39	15.63	13.98	12.51	
553-SP49	A	50	150VDC	300Hz-150KHz	300	600	41	98	21.98	18.68	16.70	14.95	
553-SP50	A	50	150VDC	300Hz-150KHz	500 CT	600	67	98	16.31	13.86	12.39	10.99	
553-SP51	A	50	150VDC	300Hz-150KHz	900 CT	600	104	96	19.12	16.25	14.53	12.99	
553-SP52	A	50	150VDC	300Hz-150KHz	1.5K CT	600	168	92	21.29	17.99	16.18	14.48	
553-SP66	A	50	150VDC	300Hz-150KHz	10K CT	10K CT	1000	1300	16.93	14.39	12.87	11.51	
553-SP67	A	50	150VDC	300Hz-150KHz	600 CT	600 CT	72	92	18.64	15.84	14.17	12.68	
553-SP68	A	50	150VDC	300Hz-150KHz	10K	10K CT2.5K§	1000	565/650§	22.33	18.98	16.97	15.18	
553-SP69	A	50	150VDC	300Hz-150KHz	600	600 CT/150§	72	40/45§	18.56	15.78	14.11	12.62	
553-SP70	A	50	150VDC	300Hz-150KHz	600	600	72	92	17.48	14.86	13.28	11.89	Call
Choke													For
553-SP128	A	---	150VDC	300Hz-150KHz	0.1 HY	---	15.0	---	11.81	9.99	8.98	7.99	Quote
Shield													
553-SP310	A	---	---	---	---	---	---	---	2.76	2.35	2.09	1.88	

§ = Split winding

TY Series Plug-In PC Audio Transformers

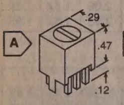
Features:

- Impedance matching: 10% over frequency range

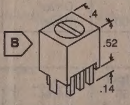
MOUSER STOCK NO.	Fig.	Power	Impedance		Primary Current (mA)	Frequency Response	Dimensions (In.)							Price Each				
			Primary (Ω)	Secondary (Ω)			H	D	L	A	B	C	J	1	10	25	50	100
553-TY141P	B	100mW	10K CT	10K CT	4	200-15KHz	.625	.594	.813	.188	.422	.188	.042	3.89	3.31	2.96	2.65	
553-TY142P	B	100mW	10K CT	2K CT	4	200-15KHz	.625	.594	.813	.188	.422	.188	.042	3.89	3.31	2.96	2.65	Call
553-TY144P	B	100mW	15K CT	15K CT	4	200-15KHz	.625	.594	.813	.188	.422	.188	.042	3.89	3.31	2.96	2.65	For
553-TY145P	B	100mW	600 CT	600 CT	15	200-15KHz	.625	.594	.813	.188	.422	.188	.042	3.89	3.31	2.96	2.65	Quote
553-TY146P	C	1 watt	600 CT/150§	600 CT/150§	---	200-15KHz	1.125	1.125	1.375	.203	1.031	.188	.042	7.22	6.14	5.49	4.91	

§ = Split winding

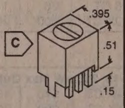
I.F. TRANSFORMERS



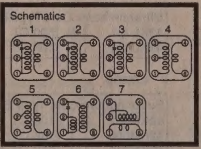
Micro-Miniature



Sub-Miniature



Sub-Miniature



Micro-Miniature PC Mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance Pri : Sec	Application (Typical)	Cap Color	Schem.	Turns Ratio Pri : Sec	Price Each			
							1	10	100	500
455KHz										
42IF201	A	50K : 500	1st IF	Yel	3	22 : 1	1.09	.99	.91	.83
42IF202	A	30K : 500	2nd IF	White	3	22 : 1	1.09	.99	.91	.83
42IF203	A	20K : 5K	3rd IF	Black	3	8 : 1	1.09	.99	.91	.83
796KHz										
45IF200	A	Osc.	Tuning	Red	5	12 : 1	1.09	.99	.91	.83
10.7MHz										
42IF222	A	1K : 300	2nd & 3rd IF	Org	3	8 : 1	1.35	1.12	.99	.85
42IF223	A	25K : 1K	1st IF	Green	3	8 : 1	1.35	1.12	.99	.85
Variable Frequency (Capacitor-less)										
42IF224	A	15K : 300	2nd & 3rd IF	Org	5	8 : 1	1.09	.99	.91	.83

Sub-Miniature PC Mounting

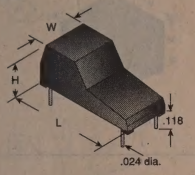
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance Pri : Sec	Application (Typical)	Cap Color	Schem.	Turns Ratio Pri : Sec	Price Each			
							1	10	100	500
455KHz										
42IF101	C	60K : 600	1st IF	Yel	2	22 : 1	.79	.71	.65	.60
42IF301	B	50K : 500	1st IF	Yel	3	20 : 1	1.24	.95	.86	.78
42IF102	C	30K : 500	2nd IF	White	3	22 : 1	.79	.71	.65	.60
42IF302	B	30K : 500	2nd IF	White	3	22 : 1	1.24	.95	.86	.78
42IF103	C	20K : 6K	3rd IF	Black	3	6 : 1	.79	.71	.65	.60
42IF303	B	20K : 5K	3rd IF	Black	3	7 : 1	1.24	.95	.86	.78
796KHz										
42IF300	B	Osc.	Tuning	Red	5	10 : 1	1.24	.95	.86	.78
42IF100	C	Osc.	Tuning	Red	5	13 : 1	.79	.71	.65	.60
42IF110	C	Osc.	Tuning	Red	5	35 : 1	.63	.57	.52	.48
10.7 MHz										
42IF122	C	15K : 300	2nd & 3rd IF	Brown	1	14 : 1	.79	.71	.65	.60
42IF129	C	15K : 100	2nd & 3rd IF	Black	3	18 : 1	.79	.71	.65	.60
42IF123	C	25K : 4K	1st IF	Green	2	7 : 1	.79	.71	.65	.60
Variable Frequency (Capacitor-less)										
42IF104	C	50K : 500	1st IF	Yel	5	22 : 1	.79	.71	.65	.60
42IF106	C	20K : 5K	3rd IF	Black	5	6 : 1	.79	.71	.65	.60
42IF124	C	15K : 300	2nd & 3rd IF	Org	4	14 : 1	.63	.57	.52	.48
I-F-T Coil (10mm)										
➔ 42IF140	C	-----	Network	Yel	6	5 : 1	.53	.46	.42	.38
➔ 42IF142	C	-----	Network	Pink	7	9 : 1	.53	.46	.42	.38

Atech Modem/Communication Modules and Transformers

DIMENSIONS (IN.)

A



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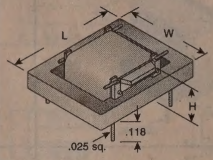

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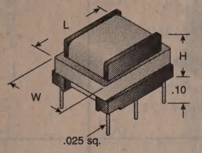

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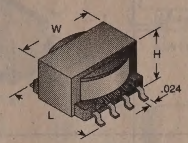

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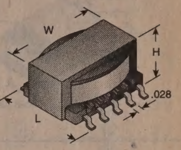

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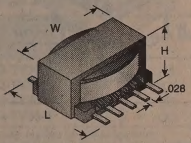

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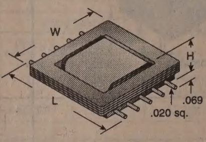

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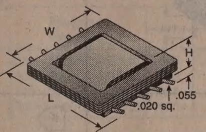

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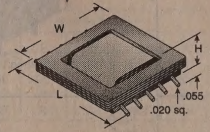

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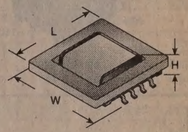


MODEM MODULES

NEW IN'95

Specifications:

- Longitudinal balance: 75dB min 200 - 4KHz
- Max DC voltage: @ 80mA - 9.5V, @ 120mA - 12.5V

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	Dielectric Strength	Application	Dimensions (In.)			Price Each		
		Pri.	Sec.				L	W	H	1	10	25
421-ATM002	A	600	600	1.4	3750VRMS	9600 bps modem / fax	1.181	.583	.512	10.60	9.64	8.76
421-ATM007	A	600	470	2.0	1500VRMS	14.4K bps modem / fax	1.181	.583	.512	11.19	10.18	9.25
421-ATM014	A	600	316	2.95	1500VRMS	28.8K bps modem / fax	1.181	.583	.512	12.25	11.13	10.12

LOW PROFILE MODEM TRANSFORMERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	DC Current mA	Resistance (Ω)		Dielectric Strength	Application	Dimensions (In.)			Price Each		
		Pri.	Sec.			Pri.	Sec.			L	W	H	1	10	25
421-ATS124	B	600	374	2.0	0	108	120	1500	28.8K bps modem / fax	1.024	.906	.472	5.74	4.78	4.35
421-ATS126	B	600	374	2	0	108	120	1500	14.4K bps modem / fax	1.024	.906	.472	4.84	4.03	3.66
421-ATS128	B	600	301	3.0	0	150	150	1500	28.8K bps modem / fax	1.024	.906	.472	6.49	5.41	4.92
421-ATS138	B	600	470	2.0	80	108	120	1250	2400 bps / 9600 bps fax	.906	.906	.472	2.36	1.97	1.79

POCKET/LAPTOP MODEM TRANSFORMERS

Features:

- Pin-compatible to allow upgrading to higher modem speeds
- Small size, suitable for laptop and pocket modems

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	Resistance (Ω)		Dielectric Strength	Application	Dimensions (In.)			Price Each		
		Pri.	Sec.		Pri.	Sec.			L	W	H	1	10	25
421-ATS007	C	600	600	1.3	55	65	3750	2400 or 9600 bps modem / fax	.539	.539	.429	5.43	4.53	4.11
421-ATS081	C	600	600	1.15	52	75	1500	9600 or 14.4K bps modem / fax	.539	.539	.429	6.34	5.28	4.80
421-ATS082	C	600	442	1.9	86	91	3750	9600 or 14.4K bps modem / fax	.539	.539	.429	6.34	5.28	4.80
421-ATS088	C	600	442	1.8	80	87	1500	14.4K bps modem / fax	.539	.539	.429	6.34	5.28	4.80
421-ATS119	C	600	324	2.9	140	140	1500	28.8K bps modem / fax	.539	.539	.429	7.25	6.04	5.49
421-ATS134	C	600	301	3.2	150	150	3750	For V.34 28.8K bps modem / fax	.539	.539	.429	7.66	6.38	5.80

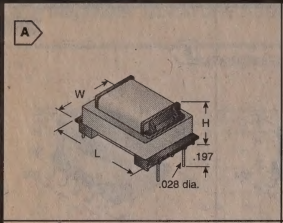
SURFACE MOUNT / PCMCIA MODEM TRANSFORMERS

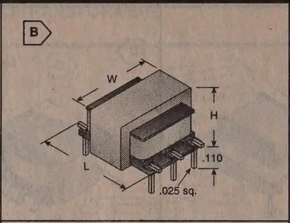
For quantities greater than listed, call for quote.

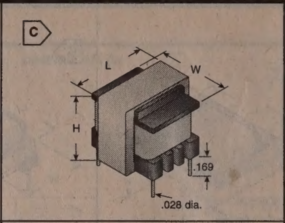
MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	Resistance (Ω)		Dielectric Strength	Application	Dimensions (In.)			Price Each		
		Pri.	Sec.		Pri.	Sec.			L	W	H	1	10	25
421-ATS033	D	600	600	1.0	55	43	1500	2400 or 9600 bps modem / fax	.492	.394	.228	6.48	5.40	4.91
421-ATS065	E	600	445	1.4	63	86	1500	9600 or 14.4K bps modem / fax	.689	.610	.307	8.45	7.04	6.40
421-ATS084	F	600	445	1.4	63	86	1500	9600 or 14.4K bps modem / fax	.689	.610	.284	8.45	7.04	6.40
421-ATS107	G	600	295	3.15	160	145	1500	9600 or 14.4K bps modem / fax	.807	.650	.165	7.39	6.16	5.60
421-ATS108	H	600	295	3.15	160	145	1500	9600 or 14.4K bps modem / fax	.80	.650	.165	7.39	6.16	5.60
421-ATS113	I	600	295	3.15	160	145	1500	9600 or 14.4K bps modem / fax	.80	.650	.165	7.10	5.92	5.38
421-ATS125	J	600	348	2.6	132	132	1500	14.4K bps modem / fax	.709	.669	.236	6.44	5.28	4.80

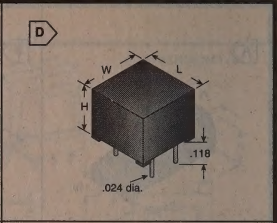
Atech Modem and Telecommunication Transformers

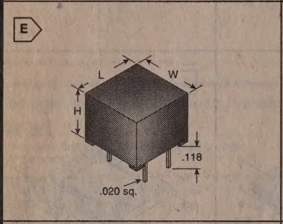
DIMENSIONS (IN.)

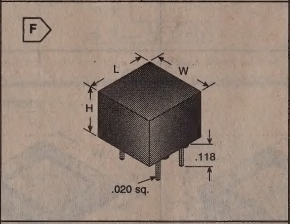


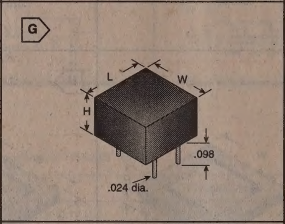


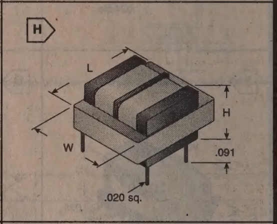


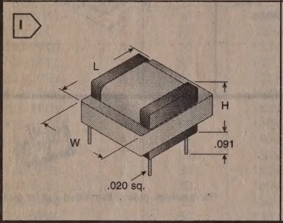


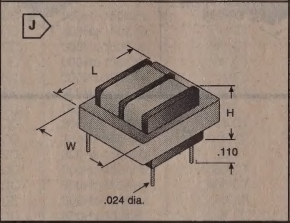


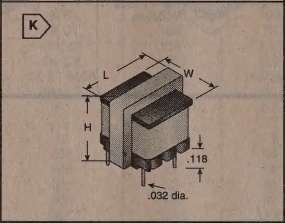


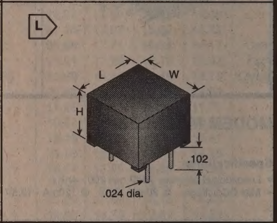












NEW IN'95

THRU HOLE MODEM TRANSFORMERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	DC Current mA	Resistance (Ω)		Dielectric Strength	Application	Dimensions (In.)			Price Each		
		Pri.	Sec.			Pri.	Sec.			L	W	H	1	10	25
421-ATS001	A	600	600	1.7	80	78	105	1500	2400 bps modem 9600/fax	1.181	.767	.532	**2.75**	**2.29**	**2.09**
421-ATS003	A	600	600	2.7	80	147	104	3750	2400 bps modem 9600/fax	1.181	.767	.496	**2.49**	**2.08**	**1.89**
421-ATS030	A	600	600	1.7	90	75	100	1500	2400 or 9600 bps modem/fax	1.181	.767	.532	**5.22**	**4.35**	**3.95**
421-ATS037	B	600	530	.85	0	45	45	1500	9600 or 14.4K bps modem/fax	1.103	.780	.469	**7.39**	**6.16**	**5.60**
421-ATS040	C	600	600	.8	0	40	50	1500	9600 or 14.4K bps modem/fax	.787	.689	.709	**4.29**	**3.58**	**3.25**
421-ATS075	J	600	600	1.0	0	25	25	3750	9600 or 14.4K bps modem/fax	.772	.661	.394	**5.99**	**4.99**	**4.55**
421-ATS079	D	600	560	1.3	0	65	65	4000	14.4K bps modem	.713	.713	.55	**6.98**	**5.82**	**5.29**
421-ATS079A	D	600	560	1.3	0	65	65	4000	14.4K bps modem	.713	.713	.492	**7.25**	**6.04**	**5.49**
421-ATS079B	H	600	560	1.3	0	65	65	4000	14.4K bps modem/fax	.650	.650	.472	**6.35**	**5.29**	**4.81**
421-ATS091	E	600	560	1.15	0	65	65	4000	14.4K bps modem/fax	.713	.713	.55	**7.29**	**6.08**	**5.53**
421-ATS091A	H	600	560	1.15	0	65	65	3750	14.4K bps modem/fax	.650	.650	.472	**6.69**	**5.57**	**5.06**
421-ATS091B	F	600	560	1.15	0	65	65	4000	14.4K bps modem/fax	.713	.713	.492	**7.49**	**6.21**	**5.64**
421-ATS099	G	600	600	1.5	0	66	66	4000	9600 bps modem	.697	.692	.413	**6.99**	**5.83**	**5.30**
421-ATS100	H	600	560	1.15	0	65	65	3750	14.4K bps modem/fax	.768	.650	.472	**6.52**	**5.43**	**4.94**
421-ATS117	I	600	402	2	0	115	91	1500	For V.34 28.8K bps modem/fax	.650	.650	.472	**7.34**	**6.12**	**5.56**
421-ATS127	B	600	361	2.5	0	120	120	1500	28.8K bps modem/fax	1.102	.780	.469	**7.84**	**6.53**	**5.94**
421-ATS129	A	600	464	1.9	70	80	100	1500	14.4K bps modem/fax	1.181	.767	.532	**5.74**	**4.78**	**4.35**

TELECOMMUNICATIONS TRANSFORMERS

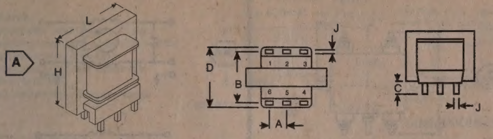
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	DC Current mA	Resistance (Ω)		Dielectric Strength	Application	Dimensions (In.)			Price Each		
		Pri.	Sec.			Pri.	Sec.			L	W	H	1	10	25
421-ATS063	K	600	600	0.8	0	37	51	1250	Dry type for interstage	.799	.591	.717	**4.90**	**4.08**	**3.71**
421-ATS080	A	600S	525	1.6	90	75	100	1500	Dry type for interstage	1.181	.767	.496	**4.76**	**3.96**	**3.60**
421-ATS111	L	12K	2.6K	1.0	0	450	135	3750	P1727 compatible	.717	.717	.551	**7.99**	**6.67**	**6.06**

For a Complete Listing of New Products See Pages 4-17.

QT OPTOELECTRONICS
JRC
MEMCOR-TRUOHM INC.
STANLEY
WEST PENN WIRE/CDT
CABLE DESIGN TECHNOLOGIES

Telephone Coupling Transformers and DC/DC Converters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L
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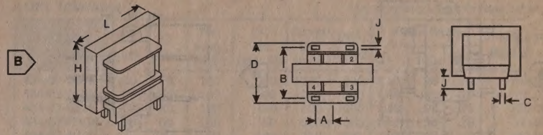
C
J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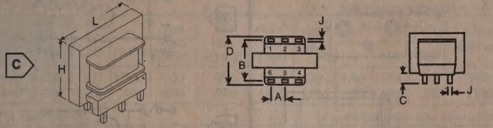
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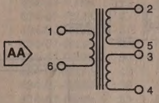
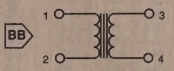
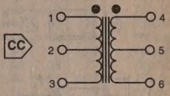






MagneTek TY SERIES TELEPHONE COUPLING TRANSFORMERS

- Complies with FCC rules part 68
- Power level: -45dBm to +7dBm

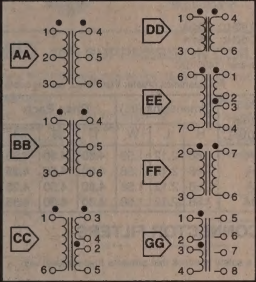
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Schematic	Impedance		Application	Frequency Response	Dimensions (in.)							Price Each			
			PRI (Ω)	SEC (Ω)			H	D	L	A	B	C	J	1	10	25	50
553-TY300P	A	AA	600	600/600	Hybrid ✻	300 - 3500Hz ± 0.5dB	.625	.547	.750	.188	.422	.203	.041	5.56	4.73	4.23	3.78
553-TY302P	A	AA	600	600/600	Hybrid ✻	300 - 3500Hz ± 0.5dB	.750	.938	1.00	.203	.781	.203	.041	8.33	6.99	6.33	5.66
553-TY303P	B	BB	4K	600	Bridging	300 - 3500Hz ± 0.5dB	.625	.547	.750	.375	.422	.203	.041	5.56	4.73	4.23	3.78
553-TY304P	C	CC	600CT	600CT	Coupling	300 - 3500Hz ± 0.5dB	.625	.547	.750	.188	.422	.188	.041	5.56	4.73	4.23	3.78

✻ 2 units required for hybrid operation

HiQ MAGNETICS TELEPHONE COUPLING TRANSFORMERS

Manufactured to meet production requirements for standard telephone interconnection,& line isolation and impedance matching.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BB
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CC
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3
4
6
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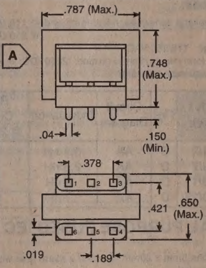
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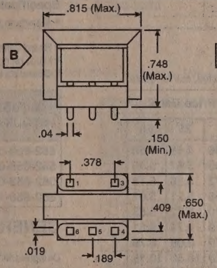
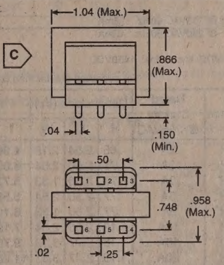
.748 (Max.)
.04
.150 (Min.)
.378
1 2 3
6 5 4
.421
.650 (Max.)
.019
.189


B
.815 (Max.)
.748 (Max.)
.04
.150 (Min.)
.378
1 3
6 5 4
.409
.650 (Max.)
.019
.189


C
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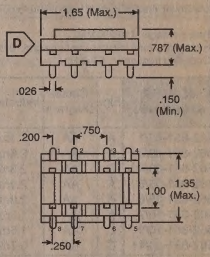
.866 (Max.)
.04
.150 (Min.)
.50
1 2 3
6 5 4
.748
.958 (Max.)
.02
.25


D
1.65 (Max.)
.787 (Max.)
.026
.150 (Min.)
.200
.750
1 2 3 4
8 7 6 5
1.00
1.35 (Max.)
.250

Transformers

- Frequency response: 300 to 3500 Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Schematic	Impedance		DC Current (mA)	Insertion Loss (Max. dB)	Price Each		
			PRI (Ω)	SEC (Ω)			1	10	50
420-8801	A	AA	600CT	600C T	0	1.5	6.79	5.69	5.09
420-8806	B	BB	600	600CT	90	2.5	5.95	4.99	4.48
420-TT09	C	CC	600	600/600	0	1.2	7.19	5.99	5.49
420-TT10	A	AA	600CT	900CT	0	1.5	5.39	4.49	4.09
420-TT14	D	EE	600	300/300	75	1.3	7.15	6.35	5.99
420-8815	D	FF	600	600	80	2.5	7.49	6.65	6.25

Holding Coil

Specifications:

- Dielectric strength: 1500Vrms, 60Hz, 3mA, 60 sec.
- Varnish impregnation
- Pin-for-pin compatible with Stancor TTPC series

Features:

- For interconnecting data/voice
- Modem terminal to telephone lines
- Designed to meet FCC part 68

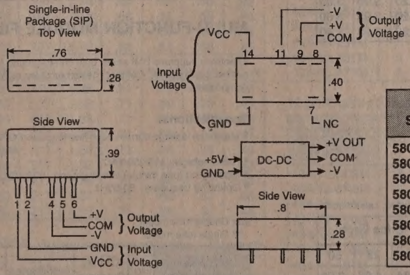
MOUSER STOCK NO.	Fig.	Schematic	Inductance (H)	IDC (mA)	Price Each			
					1	10	50	100
420-8817	D	GG	1.4	120	10.29	9.35	8.49	Call

newport technology ISOLATED DC-DC CONVERTERS

1W Dual Output

Specifications:

- Input reflected noise: 80mV P-P max.
- Output ripple noise: 75mV P-P max.
- Input/output isolation: 1000 VDC max.
- Load voltage regulation: ±10% -7.5%
- Efficiency at full load:
  - 5V output Type: -70% typical 65% minimum
  - 12V and 15V output types -80% typical 70% min
- Io: optimum output current (each output)
- Short-circuit duration: 10 sec.
- Operating temperature range: -25°C to 80°C
- Output voltage tolerance: ±5%
- Input voltage tolerance: ±10%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.76
.28
Side View
.39
1 2 4 5 6
+V
COM
-V
Output Voltage
GND
VCC
Input Voltage
VCC
14 11 9 8
-V
+V
COM
Output Voltage
Input Voltage
.40
7
GND
NC
+5V
GND
DC-DC
+V OUT
COM
-V
Side View
.8
.28

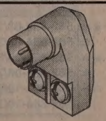
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Input Volts	Output Volts	Io (mA)	Package	Price Each		
					1	10	25
580-NMA0512D	5	±12	42	DIP14	23.55	21.41	19.47
580-NMA0515D	5	±15	34	DIP14	23.55	21.41	19.47
580-NMA0505S	5	±5	100	SIP6	23.55	21.41	19.47
580-NMA0512S	5	±12	42	SIP6	23.55	21.41	19.47
580-NMA0515S	5	±15	34	SIP6	23.55	21.41	19.47
580-NMA1205S	12	±5	100	SIP6	23.55	21.41	19.47
580-NMA1212S	12	±12	42	SIP6	23.55	21.41	19.47
580-NMA1215S	12	±15	34	SIP6	23.55	21.41	19.47

TV/FM/VCR MATCHING TRANSFORMER

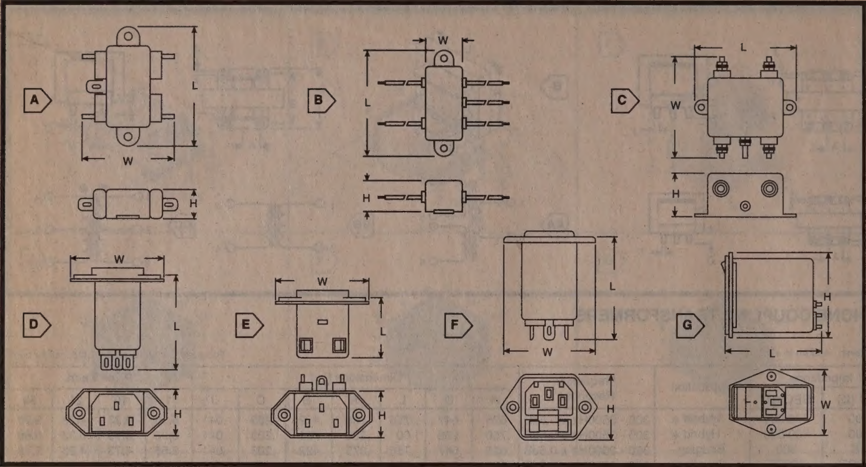
Features:

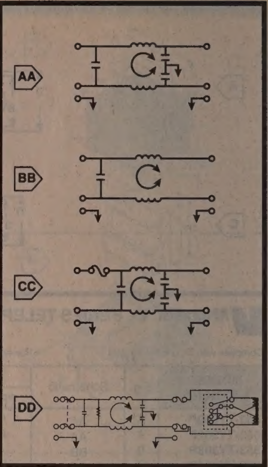
- TV/FM matching transformer for TV and VCR, provides 75Ω output from 300Ω input.
- Push-on "F" connector



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each			
	1	10	100	500
420-1000	2.78	2.55	2.32	1.86





GENERAL PURPOSE COMMON MODE FILTERS

Designed to economically suppress line-to-ground interference and built to meet or exceed most international safety agency standards and requirements.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit Diagram	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-851-02/1	A	AA	1.1mH	2A	.65	2.54	2.15	4.96	4.65	4.50
562-851-03/3	A	AA	2.8mH	3A	.77	2.50	2.54	6.05	5.67	5.49
562-851-03/4	B	AA	2.8mH	3A	.77	2.50	1.33	5.72	5.36	5.18
562-851-05/5	A	AA	2.9mH	5A	.77	2.50	2.54	5.56	5.21	5.04
562-851-05/6	B	AA	2.9mH	5A	.77	2.50	1.33	6.10	5.72	5.53
562-851-10/7	A	AA	1.5mH	10A	1.18	2.50	2.54	7.19	6.74	6.51
562-851-10/9	C	AA	1.5mH	10A	1.18	2.77	3.10	9.70	9.09	8.79
562-851-20/11	C	AA	0.7mH	20A	1.15	2.77	3.37	11.20	10.50	10.15

MEDICAL FILTERS

Provide very low leakage current meeting medical and dental equipment requirements for UL544.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: 2uA
  @ 250VAC 50Hz: 5uA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit Diagram	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-857-01/37	D	BB	5.0mH	1A	.82	2.10	2.05	4.20	3.93	3.80
562-857-03/38	D	BB	1.8mH	3A	.82	2.10	2.05	4.20	3.93	3.80
562-857-06/39	D	BB	.6mH	6A	.82	2.10	2.05	4.20	3.93	3.80
562-857-10/40	D	BB	.18mH	10A	.82	2.10	2.05	4.20	3.93	3.80

GENERAL PURPOSE IEC CONNECTOR FILTERS

Provide effective EMI suppression on line-to-ground (common mode) and low frequency line-to-line (differential mode) noise while saving space and reducing cost.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .2mA
  @ 250VAC 50Hz: .4mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit Diagram	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-857-01/5	D	AA	5mH	1A	.88	2.10	2.06	4.34	4.07	3.93
562-857-01/46	E	AA	5mH	1A	.88	1.50	1.58	5.41	5.07	4.91
562-857-03/17	D	AA	1.8mH	3A	.88	2.10	2.06	4.34	4.07	3.93
562-857-03/47	E	AA	2.3mH	3A	.88	1.67	1.58	5.41	5.07	4.91
562-857-06/27	D	AA	.6mH	6A	.88	2.10	2.06	4.34	4.07	3.93
562-857-06/48	E	AA	.6mH	6A	.88	1.67	1.68	5.41	5.07	4.91
562-857-10/33	D	AA	.18mH	10A	.88	2.10	2.06	4.34	4.07	3.93
562-857-10/49	E	AA	.18mH	10A	.88	1.55	1.99	6.83	6.41	6.20

HIGH PERFORMANCE IEC CONNECTOR FILTERS

Provide effective EMI suppression of line-to-ground and low frequency line-to-line noise.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit Diagram	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-858-01/3	D	AA	6.5mH	1A	.88	2.12	1.58	4.80	4.50	4.35
562-858-03/7	D	AA	2.5mH	3A	.88	2.12	1.58	4.80	4.50	4.35
562-858-06/11	D	AA	.8mH	6A	.88	2.12	1.58	4.80	4.50	4.35
562-858-10/15	D	AA	.2mH	10A	.88	2.12	1.58	4.80	4.50	4.35

GENERAL PURPOSE FUSED IEC CONNECTOR FILTERS

Designed for one 5mm x 20mm fuse and a spare fuse with a safety interlock that prevents fuse removal with power cord inserted.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit Diagram	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-860-02/1	F	CC	2.4mH	2A	1.29	2.54	1.73	9.17	8.60	8.31
562-860-04/3	F	CC	2.8mH	4A	1.29	2.23	1.73	9.17	8.60	8.31
562-860-06/5	F	CC	1.3mH	6A	1.29	2.54	1.73	9.17	8.60	8.31

MULTI-FUNCTION MODULE FILTERS

Effectively suppress EMI noise, both line-to-ground (common mode) and line-to-line (differential mode) for general applications. Compact design provides significant savings in space and cost compared with individual components.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

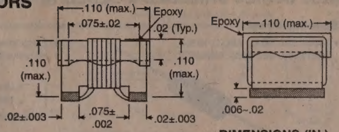
∗∗ Double fuse model
∗ Single fuse model

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Circuit Diagram	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
						H	L	W	1	25	50
∗∗	562-864-03/1	G	DD	8.0mH	3A	2.58	3.51	1.99	23.36	21.90	21.17
∗	562-864-03/3	G	DD	8.0mH	3A	2.58	3.51	1.99	23.36	21.90	21.17
∗∗	562-864-06/5	G	DD	2.5mH	6A	2.58	3.51	1.99	23.36	21.90	21.17
∗	562-864-06/7	G	DD	2.5mH	6A	2.58	3.51	1.99	23.36	21.90	21.17
∗∗	562-864-10/9	G	DD	1.6mH	10A	2.58	3.51	1.99	23.36	21.90	21.17
∗	562-864-10/11	G	DD	1.6mH	10A	2.58	3.51	1.99	23.36	21.90	21.17

HiQ™ 1008 SMD INDUCTORS

Features:
- Solderability: 260°C max., 10 sec.
- Operating temp. range: -55°C to +125°C
- 8mm blister tape (EIA-481)
- Resistance to solvent: conform to MIL-STD-202E
- PAD-metallization: tungsten-nickel



DIMENSIONS (IN.)

±20% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each 1	100	500	Price Per Reel of 1600
434-07-010M	.01	30	100	.050	1850	1000	1.40	.98	.79	750.00
434-07-022M	.022	40	100	.060	1450	1000	1.40	.98	.79	750.00

±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each 1	100	500	Price Per Reel of 1600
434-07-033K	.033	50	100	.060	1450	1000	1.40	.98	.79	750.00
434-07-039K	.039	50	100	.075	1300	1000	1.40	.98	.79	750.00
434-07-047K	.047	50	100	.079	1300	1000	1.40	.98	.79	750.00

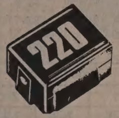
±10% Tolerance

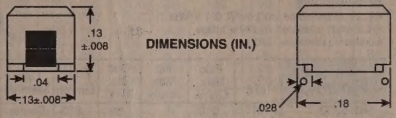
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each 1	100	500	Price Per Reel of 1600
434-07-056K	.056	50	100	.090	1260	1000	1.40	.98	.79	750.00
434-07-068K	.068	50	100	.090	1260	1000	1.40	.98	.79	750.00
434-07-082K	.082	50	100	.150	820	1000	1.40	.98	.79	750.00
434-07-R10K	.10	50	100	.150	820	1000	1.40	.98	.79	750.00
434-07-R12K	.12	40	100	.180	820	825	1.40	.98	.79	750.00
434-07-R18K	.18	40	50	.200	770	770	1.40	.98	.79	750.00
434-07-R22K	.22	40	50	.260	660	690	1.40	.98	.79	750.00
434-07-R27K	.27	40	50	.300	610	650	1.40	.98	.79	750.00
434-07-R33K	.33	40	50	.450	500	570	1.40	.98	.79	750.00
434-07-R39K	.39	35	50	.700	360	520	1.40	.98	.79	750.00
434-07-R47K	.47	35	50	.780	310	490	1.40	.98	.79	750.00
434-07-R56K	.56	35	35	1.20	260	440	1.40	.98	.79	750.00
434-07-R68K	.68	35	35	2.10	200	390	1.40	.98	.79	750.00
434-07-R82K	.82	35	35	2.30	170	360	1.40	.98	.79	750.00
434-07-1R0K	1.0	35	35	2.70	170	330	1.40	.98	.79	750.00
434-07-1R2K	1.2	35	35	3.00	170	310	1.40	.98	.79	750.00
434-07-1R5K	1.5	30	35	5.2	170	250	1.40	.98	.79	750.00

1812 SURFACE MOUNT INDUCTORS

Features:
- Specially developed for automatic mounting applications
- Ferrite based product in a sealed thermoset plastic package
- Smooth top surface: particularly well suited to pick and place equipment
- Suitable to dip and wave solder
- Minimum 100MΩ insulation
- Operating temp. range: -25°C to +85°C
- Employs copper terminations with barrier layer





DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

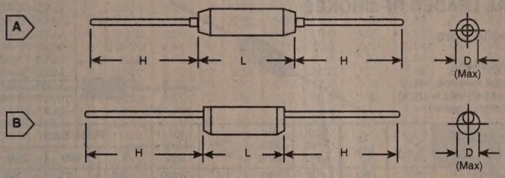
MOUSER STOCK NO.	L (μH)	Q (min.)	Test Freq. (MHz)	Res. Freq. (MHz)	Res. Max. (MHz)	DC (mA)	Price Each 1	10	100	Price Per Reel of 500
435-0012	1.2	50	7.96	80	.30	500	.97	.88	.80	302.90
435-0022	2.2	50	7.96	55	.40	430	.97	.88	.80	302.90
435-0047	4.7	50	7.96	35	.57	360	.97	.88	.80	302.90
435-0100	10	40	7.96	20	.84	300	.97	.88	.80	302.90
435-0220	22	40	2.52	16	1.7	200	.97	.88	.80	302.90
435-0330	33	40	2.52	14	2.2	180	.97	.88	.80	302.90
435-0470	47	40	2.52	12	2.7	160	.97	.88	.80	302.90
435-1000	100	50	.796	8.5	5.6	110	.97	.88	.80	302.90
435-1500	150	50	.796	6.0	10.6	80	.97	.88	.80	302.90
435-2200	220	50	.796	5.0	13.7	70	.97	.88	.80	302.90

HiQ™ RFI SUPPRESSION COILS

These HiQ™ RFI suppression coils feature inductance ranges from 1μH to 10,000μH capable of handling currents from 80mA to 12 amps. Non-standard values and tape/reel packaging are available on request.

Features:
- UL recognized and VDE approved
- Direct cross to Siemens suppression coils
- Meets MIL-STD-790

Specifications:
- Operating temperature range: -55°C - +125°C
- Dielectric insulation strength: 2.5KV
- Inductive tolerance: ±20%
- Rated inductance measured at : 1MHz for L ≤ 10μH
  100KHz for 10μH < L ≤ 1000μH
  10KHz for L > 1000μH



Miniature Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.) L	D	H	Price Each 1	100	500	1000
434-08-1R0M	A	1	4.00	15	.472	.197	1.48	.66	.55	.50	.45
434-08-2R0M	A	2	3.00	45	.472	.197	1.48	.66	.55	.50	.45
434-08-3R0M	A	3	2.00	77	.472	.197	1.48	.66	.55	.50	.45
434-08-6R0M	A	6	1.50	190	.472	.197	1.48	.66	.55	.50	.45
434-08-140M	A	14	0.70	760	.472	.197	1.48	.66	.55	.50	.45
434-08-300M	A	30	0.40	2700	.472	.197	1.48	.66	.55	.50	.45
434-08-400M	A	40	0.30	4100	.472	.197	1.48	.66	.55	.50	.45
434-08-101M	A	100	0.15	19000	.472	.197	1.48	.66	.55	.50	.45

Small Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.) L	D	H	Price Each 1	100	500	1000
434-09-1R0M	A	1	6.00	11	.669	.217	1.38	.71	.59	.53	.48
434-09-2R0M	A	2	4.00	20	.669	.217	1.38	.71	.59	.53	.48
434-09-3R0M	A	3	3.00	38	.669	.217	1.38	.71	.59	.53	.48
434-09-6R0M	A	6	2.00	120	.669	.217	1.38	.71	.59	.53	.48
434-09-100M	A	10	1.50	230	.669	.217	1.38	.71	.59	.53	.48
434-09-230M	A	23	0.70	730	.669	.217	1.38	.71	.59	.53	.48
434-09-500M	A	50	0.40	3000	.669	.217	1.38	.71	.59	.53	.48
434-09-700M	A	70	0.35	4500	.669	.217	1.38	.71	.59	.53	.48
434-09-161M	A	160	0.15	18000	.669	.217	1.38	.71	.59	.53	.48

Medium Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.) L	D	H	Price Each 1	100	500	1000
434-10-3R0M	A	3	6.00	18	.906	.295	1.26	.76	.63	.57	.51
434-10-5R0M	A	5	4.00	34	.906	.295	1.26	.76	.63	.57	.51
434-10-100M	A	10	3.00	87	.906	.295	1.26	.76	.63	.57	.51
434-10-150M	A	15	2.00	165	.906	.295	1.26	.76	.63	.57	.51
434-10-250M	A	25	1.50	340	.906	.295	1.26	.76	.63	.57	.51
434-10-550M	A	55	0.70	1300	.906	.295	1.26	.76	.63	.57	.51
434-10-131M	A	130	0.40	4800	.906	.295	1.26	.76	.63	.57	.51
434-10-161M	A	160	0.30	6600	.906	.295	1.26	.76	.63	.57	.51
434-10-351M	A	350	0.15	19000	.906	.295	1.26	.76	.63	.57	.51

Medium Suppression Coils - Ferrite Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.) L	D	H	Price Each 1	100	500	1000
434-11-7R0M	A	7	6.00	20	.906	.295	1.26	.76	.63	.57	.51
434-11-120M	A	12	4.00	40	.906	.295	1.26	.76	.63	.57	.51
434-11-220M	A	22	3.00	70	.906	.295	1.26	.76	.63	.57	.51
434-11-400M	A	40	2.00	180	.906	.295	1.26	.76	.63	.57	.51
434-11-560M	A	56	1.50	300	.906	.295	1.26	.76	.63	.57	.51
434-11-101M	A	100	1.00	650	.906	.295	1.26	.76	.63	.57	.51
434-11-221M	A	220	0.50	2600	.906	.295	1.26	.76	.63	.57	.51
434-11-471M	A	470	0.30	6500	.906	.295	1.26	.76	.63	.57	.51
434-11-681M	A	680	0.20	14000	.906	.295	1.26	.76	.63	.57	.51
434-11-122M	A	1200	0.10	34000	.906	.295	1.26	.76	.63	.57	.51
434-11-152M	A	1500	0.08	54000	.906	.295	1.26	.76	.63	.57	.51

Large Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.) L	D	H	Price Each 1	100	500	1000
434-12-5R0M	A	5	6.00	23	1.10	.295	1.16	.80	.66	.60	.54
434-12-6R0M	A	6	5.00	30	1.10	.295	1.16	.80	.66	.60	.54
434-12-7R0M	A	7	4.00	35	1.10	.295	1.16	.80	.66	.60	.54
434-12-120M	A	12	3.00	83	1.10	.295	1.16	.80	.66	.60	.54
434-12-200M	A	20	2.00	170	1.10	.295	1.16	.80	.66	.60	.54
434-12-300M	A	30	1.50	350	1.10	.295	1.16	.80	.66	.60	.54
434-12-600M	A	60	0.70	770	1.10	.295	1.16	.80	.66	.60	.54
434-12-750M	A	75	0.70	1300	1.10	.295	1.16	.80	.66	.60	.54
434-12-151M	A	150	0.40	3500	1.10	.295	1.16	.80	.66	.60	.54
434-12-161M	A	160	0.40	3800	1.10	.295	1.16	.80	.66	.60	.54
434-12-211M	A	210	0.30	6400	1.10	.295	1.16	.80	.66	.60	.54
434-12-231M	A	230	0.30	7200	1.10	.295	1.16	.80	.66	.60	.54
434-12-421M	A	420	0.15	19000	1.10	.295	1.16	.80	.66	.60	.54
434-12-471M	A	470	0.15	20000	1.10	.295	1.16	.80	.66	.60	.54

High Current Suppression Coils - Ferrite Core

For quantities greater than listed, call for quote.

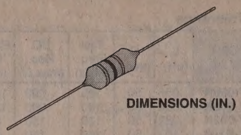
MOUSER STOCK NO.	Fig.	L (μH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.) L	D	H	Price Each 1	100	500	1000
434-13-3R9M	B	3.9	12.00	0.009	1.18	.315	1.22	1.37	1.14	1.03	.93
434-13-5R6M	A	5.6	8.00	0.017	1.03	.315	1.30	1.37	1.14	1.03	.93
434-13-100M	A	10	5.00	0.035	1.03	.315	1.30	1.37	1.14	1.03	.93
434-13-150M	A	15	4.00	0.05	1.03	.315	1.30	1.37	1.14	1.03	.93
434-13-330M	A	33	3.50	0.07	1.03	.354	1.30	1.37	1.14	1.03	.93
434-13-680M	A	68	3.00	0.10	1.03	.394	1.30	1.37	1.14	1.03	.93
434-13-101M	A	100	2.50	0.15	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-151M	A	150	1.80	0.30	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-331M	A	330	1.40	0.50	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-681M	A	680	1.00	1.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-102M	A	1000	0.80	1.50	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-152M	A	1500	0.70	2.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-332M	A	3300	0.50	4.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-682M	A	6800	0.35	8.00	1.03	.433	1.30	1.37	1.14	1.03	.93
434-13-103M	A	10000	0.30	12.00	1.03	.433	1.30	1.37	1.14	1.03	.93

J.W. MILLER Chokes and Coils

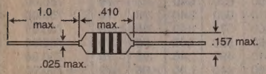
CONFORMAL COATED CHOKES

Specifications:

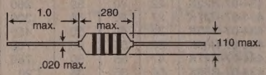
- Epoxy coated
- Working voltage: 250VDC max.
- Operating temperature: -20°C to +105°C
- Core material: ferrite
- Leads: tinned copper wire



77F Series Dimensions



78F Series Dimensions



77F Series

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	100	250
542-77F6R8	6.8	10%	75	7.9	68	.48	550	.55	.40	.30
542-77F100	10	10%	85	7.9	45	.58	500	.55	.40	.30
542-77F270	27	10%	55	2.5	7.6	.94	390	.55	.40	.30
542-77F330	33	5%	55	2.5	6.3	1.03	370	.55	.40	.30
542-77F470	47	5%	45	2.5	6.3	1.22	340	.55	.40	.30
542-77F820	82	5%	35	2.5	5.3	1.62	290	.55	.40	.30
542-77F101	100	5%	30	2.5	4.8	1.80	275	.55	.40	.30
542-77F221	220	5%	70	.79	3.0	5.10	155	.55	.40	.30
542-77F331	330	5%	65	.79	2.6	6.40	137	.55	.40	.30
542-77F391	390	5%	65	.79	2.4	7.00	133	.55	.40	.30
54277F102	1000	5%	50	.79	1.40	14.0	100	.55	.40	.30

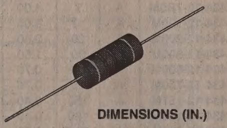
78F Series

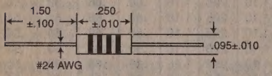
MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	100	250
542-78FR22	.22	10%	40	25	380	.08	1025	.55	.40	.30
542-78FR68	.68	10%	40	25	250	.12	495	.55	.40	.30
542-78F1R0	1.0	10%	40	25	180	.15	385	.55	.40	.30
542-78F1R8	1.8	10%	50	7.9	125	.25	455	.55	.40	.30
542-78F2R7	2.7	10%	50	7.9	95	.30	355	.55	.40	.30
542-78F3R3	3.3	5%	50	7.9	70	.34	270	.55	.40	.30
542-78F4R7	4.7	5%	45	7.9	50	.35	230	.55	.40	.30
542-78F8R2	8.2	5%	40	7.9	28	.55	155	.55	.40	.30
542-78F100	10	5%	40	7.9	22	.72	130	.55	.40	.30
542-78F120	12	5%	45	2.5	20	.80	155	.55	.40	.30
542-78F220	22	5%	50	2.5	13	1.20	140	.55	.40	.30
542-78F270	27	5%	50	2.5	11	1.35	135	.55	.40	.30
542-78F330	33	5%	50	2.5	10	1.50	193	.55	.40	.30
542-78F390	39	5%	50	2.5	9.5	1.70	185	.55	.40	.30
542-78F470	47	5%	60	2.5	8.5	2.30	167	.55	.40	.30
542-78F101	100	5%	60	2.5	5.5	3.5	125	.55	.40	.30
542-78F121	120	5%	60	.79	5.4	3.8	100	.55	.40	.30
542-78F221	220	5%	60	.79	4.0	5.7	76	.55	.40	.30

9230 SERIES MOLDED RF CHOKES

Specifications:

- Meets MIL Spec: MIL-C-15305, MS75083, MS75084, MS75085
- Inductive tolerance: ±10%





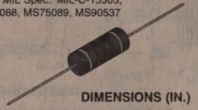
MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
							1	100	250
542-9230-94	.1	40	25	690	.07	1100	.96	.70	.53
542-9230-00	.15	38	25	600	.1	1100	.96	.70	.53
542-9230-04	.22	33	25	510	.14	935	.96	.70	.53
542-9230-10	.39	30	25	380	.3	640	.96	.70	.53
542-9230-12	.47	30	25	340	.35	590	.96	.70	.53
542-9230-14	.56	30	25	300	.5	495	.96	.70	.53
542-9230-16	.68	28	25	275	.6	450	.96	.70	.53
542-9230-20	1.0	25	25	230	1	350	.96	.70	.53
542-9230-32	3.3	45	7.9	90	.85	380	1.40	1.03	.77
542-9230-34	3.9	45	7.9	82	1	350	1.40	1.03	.77
542-9230-36	4.7	45	7.9	75	1.2	320	1.40	1.03	.77
542-9230-44	10	55	7.9	50	3.7	180	1.57	1.15	.87
542-9230-52	22	50	2.5	25	3.3	190	1.60	1.18	.88
542-9230-56	33	45	2.5	24	3.4	187	1.71	1.25	.94
542-9230-64	68	50	2.5	15	6.7	135	1.71	1.25	.94
542-9230-68	100	50	2.5	13	8	125	1.71	1.25	.94
542-9230-70	120	30	.79	12	13	97	1.81	1.33	1.00

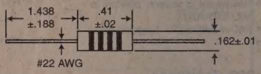
9250 SERIES SHIELDED MOLDED RF CHOKES

NEW IN'95

Specifications:

- Meets MIL Spec: MIL-C-15305, MS75088, MS75089, MS90537
- Electromagnetic shielding
- Inductive tolerance: ±10%





MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
							1	100	250
542-9250-102	1.0	44	25	140	.07	1070	2.63	1.93	1.45
542-9250-222	2.2	44	7.9	100	.19	650	2.63	1.93	1.45
542-9250-332	3.3	44	7.9	85	.35	480	2.63	1.93	1.45
542-9250-472	4.7	44	7.9	70	.55	380	2.63	1.93	1.45
542-9250-103	10	50	7.9	46	1.62	220	2.63	1.93	1.45
542-9250-223	22	45	2.5	41	.96	290	2.63	1.93	1.45
542-9250-473	47	50	2.5	27	2.11	195	2.89	2.12	1.59
542-9250-104	100	50	2.5	10	3.12	160	3.16	2.32	1.74
542-9250-224	220	55	.79	7.5	5	125	3.16	2.32	1.74
542-9250-474	470	60	.79	5.7	9.5	92	3.16	2.32	1.74
542-9250-105	1000	60	.79	3.8	17.5	70	3.16	2.32	1.74
542-9250-225	2200	45	.25	.97	33.8	50	3.62	2.65	1.99
542-9250-106	10000	40	.25	.47	137	24	3.90	2.86	2.14

HEAVY DUTY HASH CHOKES

Specifications:

- L ≤ 4µH measured on Q meter @ 7.9 MHz
- L ≥ 40µH measured on 1 KHz bridge
- Inductive tolerance: ±20%

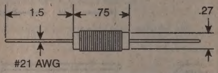
MOUSER STOCK NO.	L (µH)	Rdc Max. Ohms	Idc Max Amps	Coil Dia. Max.	Form Length	Core Material	Price Each		
							1	100	250
542-5230	4	.012	8	.38	.875	Ferrite	2.39	1.75	1.31
542-5240	40	.082	3	.31	1.25	Ferrite	2.39	1.75	1.31
542-5248	68.0	.054	5	.56	1.25	Ferrite	2.88	2.11	1.55
542-5250	100	.216	2	.38	1.25	Ferrite	2.88	2.11	1.55
542-5252	125	.08	3.5	.5	1.25	Ferrite	3.18	2.33	1.72
542-5254	250.00	.17	2.5	.44	1.25	Ferrite	3.18	2.33	1.72
542-5256	500.00	.26	2	.56	1.25	Ferrite	3.18	2.33	1.72
542-5258	1000	.55	1	.5	1.25	Ferrite	3.27	2.40	1.80
542-5218	3.35	.01	20	.6	1.25	Iron	5.37	3.94	2.95
542-5219	4.9	.016	15	.6	1.25	Iron	5.03	3.69	2.77
542-5220	8.8	.021	10	.56	1.25	Iron	4.78	3.51	2.63

AXIAL LEADED RF CHOKES

Phenolic Core

Specifications:

- Inductive tolerance: ±10% (except 542-4602 is ±20%)
- Varnish impregnated

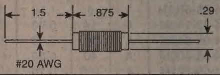


MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max.	Idc Max mA	Price Each		
							1	100	250
542-4602	1	60	7.9	190	.05	2000	.98	.72	.54
542-4604	1.5	58	7.9	149	.093	1800	.98	.72	.54
542-4606	2.4	56	7.9	120	.19	1500	.98	.72	.54
542-4608	3.9	60	7.9	93	.45	1000	.98	.72	.54
542-4609	5.5	57	7.9	80	.67	850	.98	.72	.54
542-4610	6.2	57	7.9	76	.83	700	.98	.72	.54
542-4611	8.2	57	7.9	65	1.2	600	.98	.72	.54
542-4612	10	36	2.5	61	1.5	500	.98	.72	.54

Iron Core

Specifications:

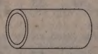
- Inductive tolerance: ±5%
- Varnish impregnated

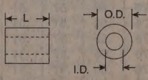


542-4622	10	69	2.5	40	.11	1500	1.32	.97	.73
542-4624	15	62	2.5	33	.17	1000	1.32	.97	.73
542-4626	24	65	2.5	25	.34	800	1.32	.97	.73
542-4629	55	72	2.5	17	1	500	1.32	.97	.73
542-4630	62	83	2.5	16	1.2	475	1.34	.99	.74
542-4631	82	85	2.5	13	1.9	450	1.34	.99	.74
542-4632	100	107	.79	12	3	400	1.34	.99	.74

FERRITE BEADS

For quantities greater than listed, call for quote.





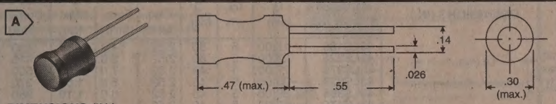
MOUSER STOCK NO.	Freq. Range (MHz)	Max. Dim. (In.)			Price Each		
		O.D.	I.D.	L	1	100	250
542-FB73-085	up to 40	.056	.031	.095	.48	.35	.25
542-FB43-226	40-200	.146	.055	.246	.24	.18	.13
542-FB73-226	up to 40	.146	.055	.246	.36	.26	.20
542-FB73-110	up to 40	.146	.055	.138	.24	.18	.13
542-FB43-110	40-200	.146	.055	.138	.12	.09	.07
542-FB64-110	above 200	.146	.055	.138	.24	.18	.13
542-FB43-422	40-200	.210	.055	.452	.36	.26	.20
542-FB73-422	up to 40	.210	.067	.452	.36	.26	.20
542-FB43-287	40-200	.301	.067	.307	.36	.26	.20
542-FB73-287	up to 40	.301	.099	.307	.48	.35	.25

HiQ™ Chokes and Coils

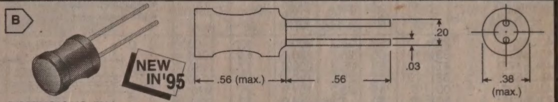
HIGH RELIABILITY PLUGGABLE COILS

Features:

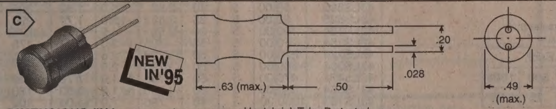
- All 5% inductance tolerance
- Multi-layer windings on ferrite cores
- Heatshrink tube protected or ferrite magnetic shielded
- Sturdy pluggable radial construction with solder dipped leads
- Wide selection of medium to high inductances



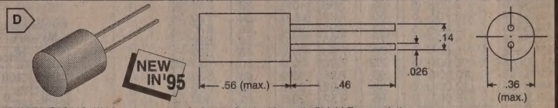
DIMENSIONS (IN.) Heatshrink Tube Protected



DIMENSIONS (IN.) Heatshrink Tube Protected



DIMENSIONS (IN.) Heatshrink Tube Protected



DIMENSIONS (IN.) Ferrite Magnetic Shield Encapsulation

7mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 KHz		Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
		µH	mH						1	100	500	1000
434-17-681J	A	680	0.68	80	796	2300	3.7	170	1.00	.80	.73	.66
434-17-821J	A	820	0.82	80	796	2100	4.1	160	1.00	.80	.73	.66
434-17-102J	A	1000	1.00	100	252	1800	5.4	150	1.00	.80	.73	.66
434-17-122J	A	1200	1.20	100	252	1600	5.8	140	1.00	.80	.73	.66
434-17-152J	A	1500	1.50	100	252	1500	6.5	130	1.00	.80	.73	.66
434-17-182J	A	1800	1.80	100	252	1400	7.5	120	1.00	.80	.73	.66
434-17-222J	A	2200	2.20	100	252	1300	8.8	110	1.00	.80	.73	.66
434-17-272J	A	2700	2.70	100	252	1200	9.8	100	1.00	.80	.73	.66
434-17-332J	A	3300	3.30	100	252	1100	13.0	80	1.00	.80	.73	.66
434-17-392J	A	3900	3.90	100	252	1000	16.5	75	1.00	.80	.73	.66
434-17-472J	A	4700	4.70	100	252	900	18.5	70	1.00	.80	.73	.66
434-17-562J	A	5600	5.60	100	252	800	21.0	60	1.00	.80	.73	.66
434-17-682J	A	6800	6.80	100	252	700	29.0	55	1.00	.80	.73	.66
434-17-822J	A	8200	8.20	100	252	650	33.0	50	1.00	.80	.73	.66

9mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	µH	mH	Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	1	100	500	1000
434-01-101J	B	100	0.10	40	796	5000	0.3	790	1.14	.91	.83	.75
434-01-151J	B	150	0.15	40	796	4000	0.4	650	1.14	.91	.83	.75
434-01-221J	B	220	0.22	30	796	3300	0.5	530	1.14	.91	.83	.75
434-01-331J	B	330	0.33	35	796	2700	1.0	500	1.14	.91	.83	.75
434-01-391J	B	390	0.39	35	796	2500	1.1	460	1.14	.91	.83	.75
434-01-471J	B	470	0.47	35	796	2300	1.3	420	1.14	.91	.83	.75
434-01-561J	B	560	0.56	35	796	2000	1.5	400	1.14	.91	.83	.75
434-01-681J	B	680	0.68	35	796	1900	1.9	350	1.14	.91	.83	.75
434-01-821J	B	820	0.82	35	796	1700	2.2	310	1.14	.91	.83	.75
434-01-102J	B	1000	1.00	70	252	1600	2.6	280	1.14	.91	.83	.75
434-01-122J	B	1200	1.20	70	252	1400	3.0	250	1.14	.91	.83	.75
434-01-152J	B	1500	1.50	70	252	1200	5.1	220	1.14	.91	.83	.75
434-01-182J	B	1800	1.80	70	252	1100	5.6	200	1.14	.91	.83	.75
434-01-222J	B	2200	2.20	70	252	1000	7.0	180	1.14	.91	.83	.75
434-01-272J	B	2700	2.70	70	252	900	8.0	170	1.14	.91	.83	.75
434-01-332J	B	3300	3.30	70	252	800	9.0	150	1.14	.91	.83	.75
434-01-392J	B	3900	3.90	70	252	750	10.0	140	1.14	.91	.83	.75
434-01-472J	B	4700	4.70	70	252	650	11.5	130	1.14	.91	.83	.75
434-01-562J	B	5600	5.60	70	252	630	15.0	120	1.14	.91	.83	.75
434-01-682J	B	6800	6.80	70	252	570	17.0	110	1.14	.91	.83	.75
434-01-822J	B	8200	8.20	70	252	500	20.0	100	1.14	.91	.83	.75
434-01-103J	B	10000	10.00	70	79	410	35.0	90	1.14	.91	.83	.75
434-01-123J	B	12000	12.00	70	79	380	40.0	80	1.14	.91	.83	.75
434-01-153J	B	15000	15.00	70	79	350	45.0	70	1.14	.91	.83	.75
434-01-183J	B	18000	18.00	70	79	340	50.0	65	1.14	.91	.83	.75
434-01-223J	B	22000	22.00	70	79	300	58.0	60	1.14	.91	.83	.75
434-01-273J	B	27000	27.00	70	79	290	70.0	55	1.14	.91	.83	.75
434-01-333J	B	33000	33.00	70	79	260	75.0	50	1.14	.91	.83	.75

11mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 KHz		Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
		µH	mH						1	100	500	1000
434-03-103J	C	10000	10.0	50	79.6	350	23	110	1.36	1.04	.94	.85
434-03-123J	C	12000	12.0	50	79.6	320	24	100	1.36	1.04	.94	.85
434-03-153J	C	15000	15.0	50	79.6	290	28	90	1.36	1.04	.94	.85
434-03-183J	C	18000	18.0	50	79.6	280	34	85	1.36	1.04	.94	.85
434-03-223J	C	22000	22.0	50	79.6	250	39	80	1.36	1.04	.94	.85
434-03-273J	C	27000	27.0	50	79.6	210	48	70	1.36	1.04	.94	.85
434-03-333J	C	33000	33.0	50	79.6	200	56	65	1.36	1.04	.94	.85
434-03-393J	C	39000	39.0	50	79.6	190	62	60	1.36	1.04	.94	.85
434-03-473J	C	47000	47.0	50	79.6	180	73	55	1.36	1.04	.94	.85
434-03-563J	C	56000	56.0	50	79.6	140	115	50	1.36	1.04	.94	.85
434-03-683J	C	68000	68.0	50	79.6	130	120	50	1.36	1.04	.94	.85
434-03-823J	C	82000	82.0	50	79.6	120	150	45	1.36	1.04	.94	.85
434-03-104J	C	100000	100.0	50	25.2	110	155	40	1.36	1.04	.94	.85
434-03-124J	C	120000	120.0	50	25.2	90	200	35	1.36	1.04	.94	.85
434-03-154J	C	150000	150.0	50	25.2	80	205	35	1.36	1.04	.94	.85

10mm, Magnetic Shielded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	µH	mH	Q Min.	Test Freq. (KHz)	Res. Freq. (KHz)	DCR Max. (Ω)	Max DC Current (mA)	1	100	500	1000
434-02-102J	D	1000	1.0	70	796	2040	3.4	90	1.48	1.14	1.05	.95
434-02-122J	D	1200	1.2	70	252	1800	3.7	75	1.48	1.14	1.05	.95
434-02-152J	D	1500	1.5	70	252	1350	4.0	70	1.48	1.14	1.05	.95
434-02-182J	D	1800	1.8	70	252	1150	4.5	65	1.48	1.14	1.05	.95
434-02-222J	D	2200	2.2	70	252	1400	5.2	60	1.48	1.14	1.05	.95
434-02-272J	D	2700	2.7	70	252	1000	5.8	55	1.48	1.14	1.05	.95
434-02-332J	D	3300	3.3	100	252	1100	6.1	50	1.48	1.14	1.05	.95
434-02-392J	D	3900	3.9	100	252	990	7.2	45	1.48	1.14	1.05	.95
434-02-472J	D	4700	4.7	100	252	870	7.5	40	1.48	1.14	1.05	.95
434-02-562J	D	5600	5.6	100	252	750	8.4	40	1.48	1.14	1.05	.95
434-02-682J	D	6800	6.8	100	252	758	9.7	35	1.48	1.14	1.05	.95
434-02-822J	D	8200	8.2	100	252	600	10.4	30	1.48	1.14	1.05	.95
434-02-103J	D	10000	10	100	79	700	12.1	25	1.48	1.14	1.05	.95
434-02-123J	D	12000	12	100	79	450	13.0	25	1.48	1.14	1.05	.95
434-02-153J	D	15000	15	100	79	400	15.0	25	1.48	1.14	1.05	.95
434-02-183J	D	18000	18	100	79	525	17.0	22	1.48	1.14	1.05	.95
434-02-223J	D	22000	22	100	79	460	19.5	21	1.48	1.14	1.05	.95
434-02-273J	D	27000	27	100	79	400	22.0	18	1.48	1.14	1.05	.95
434-02-333J	D	33000	33	100	79	350	26.0	17	1.48	1.14	1.05	.95
434-02-393J	D	39000	39	100	79	350	45.0	15	1.48	1.14	1.05	.95
434-02-473J	D	47000	47	100	79	300	52.0	13	1.48	1.14	1.05	.95
434-02-563J	D	56000	56	100	79	250	58.0	12	1.48	1.14	1.05	.95
434-02-683J	D	68000	68	100	79	220	66.0	12	1.48	1.14	1.05	.95
434-02-823J	D	82000	82	100	79	200	71.0	10	1.48	1.14	1.05	.95

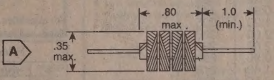
PI- WOUND RF CHOKES

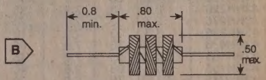
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (mH)	Q Min.	D.C.R. (Ω) ±20%	Price Each		
					1	100	500
434-1100	A	1	20	15	2.53	2.11	1.91
434-1250	A	2.5	30	26	2.53	2.11	1.91
434-1500	B	5	30	48	2.92	2.43	2.21

- Tolerance: ±10%
- Similar to J.W. Miller 4600 series
- Core material: iron

DIMENSIONS (IN.)





EPOXY DIPPED PEAKING COILS

Features:

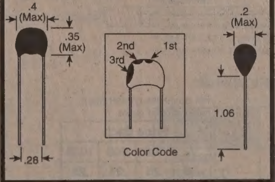
- Inductive tolerance: .22 to 1.0µH ±20%
  1.2 to 1000µH±10%
- Radial Lead
- Epoxy dipped
- Subminiature
- High Q (30 min.)
- Iron Core

MOUSER STOCK NO.	L (µH)	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Color Code		
						1st	2nd	3rd
43LR227	.22	25.200	287.0	.123	- - -	Red	Red	Slvr
43LR337	.33	25.200	217.0	.138	- - -	Org	Org	Slvr
43LR477	.47	25.200	161.0	.150	- - -	Yel	Vio	Slvr
43LR687	.68	25.200	126.0	.167	- - -	Blu	Gry	Slvr
43LR106	1.00	7.960	96.0	.201	330	Brn	Blk	Gld
43LR126	1.20	7.960	84.0	.218	320	Brn	Red	Gld
43LR156	1.50	7.960	71.0	.240	315	Brn	Grn	Gld
43LR226	2.20	7.960	55.0	.280	300	Red	Red	Gld
43LR276	2.70	7.960	50.0	.281	295	Red	Vio	Gld
43LR336	3.30	7.960	43.0	.338	285	Org	Org	Gld
43LR476	4.70	7.960	33.0	.420	275	Yel	Vio	Gld
43LR566	5.60	7.960	29.0	.450	270	Grn	Blu	Gld
43LR686	6.80	7.960	25.0	.488	260	Blu	Gry	Gld
43LR105	10.00	2.520	20.0	1.140	250	Brn	Blk	Blk
43LR125	12.00	2.520	16.0	1.280	245	Brn	Red	Blk
43LR155	15.00	2.520	13.0	1.400	235	Brn	Grn	Blk
43LR185	18.00	2.520	12.0	1.550	225	Brn	Gry	Blk
43LR225	22.00	2.520	10.0	1.730	220	Red	Red	Blk
43LR275	27.00	2.520	9.0	1.950	215	Red	Vio	Blk

Price Each			
1	100	500	1000
.46	.30	.26	.21

For quantities greater than listed, call for quote.

DIMENSIONS (IN.)



MOUSER STOCK NO.	L (µH)	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Color Code		
						1st	2nd	3rd
43LR335	33	2.520	8.0	2.150	205	Org	Org	Blk
43LR395	39	2.520	7.0	2.360	200	Org	Wht	Blk
43LR475	47	2.520	9.0	1.940	190	Yel	Vio	Blk
43LR565	56	2.520	9.0	1.950	180	Grn	Blu	Blk
43LR685	68	2.520	8.0	2.120	170	Blu	Gry	Blk
43LR825	82	2.520	8.0	2.400	160	Gry	Red	Blk
43LR104	100	0.796	7.0	2.850	150	Brn	Blk	Brn
43LR124	120	0.796	6.0	4.350	145	Brn	Red	Brn
43LR154	150	0.796	5.0	3.600	130	Brn	Grn	Brn
43LR184	180	0.796	4.0	4.020	120	Brn	Gry	Brn
43LR224	220	0.796	4.0	4.700	115	Red	Red	Brn
43LR274	270	0.796	3.0	5.400	105	Red	Vio	Brn
43LR334	330	0.796	3.0	7.500	100	Org	Org	Brn
43LR394	390	0.796	3.0	8.550	90	Org	Wht	Brn
43LR474	470	0.796	2.8	9.900	85	Yel	Vio	Brn
43LR564	560	0.796	2.5	11.400	80	Grn	Blu	Brn
43LR684	680	0.796	2.3	10.800	68	Blu	Gry	Brn
43LR824	820	0.796	2.1	12.300	58	Gry	Red	Brn
43LR103	1000	0.252	1.9	14.100	50	Brn	Blk	Red

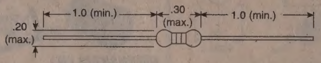
Chokes and Coils

MINIATURE EPOXY COATED CHOKES

MOUSER STOCK NO.	L (µH)	Tol. ±%	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
43LS227	.22	10	50	25.2	300.0	.12	1400
43LS337	.33	10	55	25.2	250.0	.14	1280
43LS477	.47	10	50	25.2	220.0	.17	1150
43LS687	.68	10	55	25.2	190.0	.20	1040
43LS106	1.00	5	45	25.2	157.0	.21	920
43LS126	1.20	5	50	7.96	144.0	.22	880
43LS156	1.50	5	50	7.96	131.0	.23	830
43LS226	2.20	5	55	7.96	110.0	.28	750
43LS276	2.70	5	60	7.96	100.0	.30	720
43LS336	3.30	5	65	7.96	94.0	.34	670
43LS476	4.70	5	70	7.96	58.0	.39	620
43LS566	5.60	5	70	7.96	50.0	.43	590
43LS686	6.80	5	75	7.96	40.0	.49	550
43LS105	10.00	5	65	7.96	30.0	.63	500
43LS125	12.00	5	55	2.52	25.0	.65	480
43LS155	15.00	5	55	2.52	20.0	.81	460

- Smaller than 1/2 watt resistor
- Moisture resistant
- EIA color code

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

Price Each			
1	100	500	1000
.39	.29	.25	.19

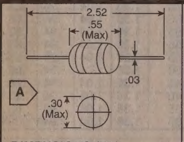
MOUSER STOCK NO.	L (µH)	Tol. ±%	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
43LS185	18.00	5	50	2.52	14.0	.82	430
43LS225	22.00	5	50	2.52	8.0	.95	410
43LS275	27.00	5	45	2.52	7.0	1.05	390
43LS335	33.00	5	45	2.52	6.0	1.05	370
43LS395	39.00	5	45	2.52	6.0	1.10	350
43LS475	47.00	5	40	2.52	5.0	1.31	340
43LS565	56.00	5	40	2.52	5.6	1.28	320
43LS685	68.00	5	40	2.52	5.0	1.62	305
43LS825	82.00	5	35	2.52	5.0	1.71	290
43LS104	100.00	5	30	2.52	4.5	2.10	275
43LS154	150.00	5	55	.796	3.0	3.48	175
43LS224	220.00	5	60	.796	2.5	4.84	155
43LS334	330.00	5	60	.796	2.0	6.40	137
43LS474	470.00	5	60	.796	1.9	7.70	126
43LS564	560.00	5	60	.796	1.8	8.50	120
43LS103	1000.00	5	40	.796	1.0	14.00	100

HiQ™ CHOKE COILS

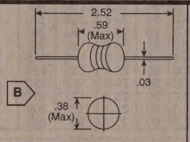
These HiQ choke coils feature inductances from 33,000µH to 10µH capable of handling currents from 50mA to 7 amps. Their ferrite cores allow smaller forms, requiring less board space. Formed, tape and reel, and ammo packaging are available on request. Call our full service line, (800) 346-6873 for quote.

Features:

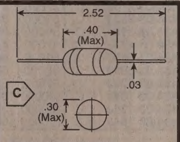
- Insulation strength: 2.0KV (epoxy coated)
- Operating temperature:
  -25°C to +85°C, Δ L/L (25°C) <±10%
- EIA color coded
- Axial leads
- Inductance test freq.:
  High current chokes: 1MHz
  Low and medium current chokes: 20KHz



DIMENSIONS (IN.)



DIMENSIONS (IN.)



DIMENSIONS (IN.)

Low Current Chokes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
									1	100	500	1000
434-06-681K	A	680	±10	80	796	2.30	3.7	170	1.07	.71	.64	.60
434-06-821K	A	820	±10	80	796	2.10	4.1	160	1.07	.71	.64	.60
434-06-102J	A	1000	±5	100	252	1.80	5.4	150	1.07	.71	.64	.60
434-06-122J	A	1200	±5	100	252	1.60	5.8	140	1.07	.71	.64	.60
434-06-152J	A	1500	±5	100	252	1.50	6.5	130	1.07	.71	.64	.60
434-06-182J	A	1800	±5	100	252	1.40	7.5	120	1.07	.71	.64	.60
434-06-222J	A	2200	±5	100	252	1.30	8.8	110	1.07	.71	.64	.60
434-06-272J	A	2700	±5	100	252	1.20	9.8	100	1.07	.71	.64	.60
434-06-332J	A	3300	±5	100	252	1.10	13.0	80	1.07	.71	.64	.60
434-06-392J	A	3900	±5	100	252	1.00	16.5	75	1.07	.71	.64	.60
434-06-472J	A	4700	±5	100	252	0.90	18.5	70	1.07	.71	.64	.60
434-06-562J	A	5600	±5	100	252	0.80	21.0	60	1.07	.71	.64	.60
434-06-682J	A	6800	±5	100	252	0.70	29.0	55	1.07	.71	.64	.60
434-06-822J	A	8200	±5	100	252	0.65	33.0	50	1.07	.71	.64	.60

Medium Current Chokes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
									1	100	500	1000
434-05-331K	B	330	±10	35	796	2.7	1.0	500	1.22	.94	.85	.78
434-05-391K	B	390	±10	35	796	2.5	1.1	460	1.22	.94	.85	.78
434-05-471K	B	470	±10	35	796	2.3	1.3	420	1.22	.94	.85	.78
434-05-561K	B	560	±10	35	796	2.0	1.5	400	1.22	.94	.85	.78
434-05-681K	B	680	±10	35	796	1.9	1.9	350	1.22	.94	.85	.78
434-05-821K	B	820	±10	35	796	1.7	2.2	310	1.22	.94	.85	.78
434-05-102J	B	1000	±5	70	252	1.6	2.6	280	1.22	.94	.85	.78
434-05-122J	B	1200	±5	70	252	1.4	3.0	250	1.22	.94	.85	.78
434-05-152J	B	1500	±5	70	252	1.2	5.1	220	1.22	.94	.85	.78
434-05-182J	B	1800	±5	70	252	1.1	5.6	200	1.22	.94	.85	.78
434-05-222J	B	2200	±5	70	252	1.0	7.0	180	1.22	.94	.85	.78
434-05-272J	B	2700	±5	70	252	0.9	8.0	170	1.22	.94	.85	.78
434-05-332J	B	3300	±5	70	252	0.8	9.0	150	1.22	.94	.85	.78
434-05-392J	B	3900	±5	70	252	0.75	10.0	140	1.22	.94	.85	.78
434-05-472J	B	4700	±5	70	252	0.65	11.5	130	1.22	.94	.85	.78
434-05-562J	B	5600	±5	70	252	0.63	15.0	120	1.22	.94	.85	.78
434-05-682J	B	6800	±5	70	252	0.57	17.0	110	1.22	.94	.85	.78
434-05-822J	B	8200	±5	70	252	0.50	20.0	100	1.22	.94	.85	.78
434-05-103J	B	10000	±5	70	79	0.41	35.0	90	1.22	.94	.85	.78
434-05-123J	B	12000	±5	70	79	0.38	40.0	80	1.22	.94	.85	.78
434-05-153J	B	15000	±5	70	79	0.35	45.0	70	1.22	.94	.85	.78
434-05-183J	B	18000	±5	70	79	0.34	50.0	65	1.22	.94	.85	.78
434-05-223J	B	22000	±5	70	79	0.30	58.0	60	1.22	.94	.85	.78
434-05-273J	B	27000	±5	70	79	0.29	70.0	55	1.22	.94	.85	.78
434-05-333J	B	33000	±5	70	79	0.26	75.0	50	1.22	.94	.85	.78

High Current Chokes

For quantities greater than listed, call for quote.

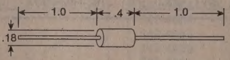
MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	DCR Max. (mΩ)	Max DC Current (A)	Price Each			
						1	100	500	1000
434-04-R70M	C	0.7	±20	15	7	.53	.40	.37	.33
434-04-1R0M	C	1.0	±20	15	4.0	.53	.40	.37	.33
434-04-1R8M	C	1.8	±20	55	2.5	.53	.40	.37	.33
434-04-3R6M	C	3.6	±20	110	1.8	.53	.40	.37	.33
434-04-8R2M	C	8.2	±20	130	1.5	.53	.40	.37	.33
434-04-100M	C	10.0	±20	240	1.3	.53	.40	.37	.33

QUALITY MOLDED CHOKES

- MIL-Spec: MIL-C-15305
- Moisture resistant
- Tolerance: ±10%
- Smaller than 1/2 watt resistor

MOUSER STOCK NO.	L (µH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
43HH106	1.0	50	25.2	200	0.29	785
43HH226	2.2	33	7.9	135	0.95	435
43HH276	2.7	33	7.9	120	1.20	385
43HH336	3.3	33	7.9	110	2.00	300
43HH476	4.7	33	7.9	90	2.60	260
43HH105	10	55	7.9	45	0.90	290
43HH155	15	65	2.5	40	1.40	240
43HH225	22	75	2.5	30	2.50	175
43HH335	33	65	2.5	19	3.00	165

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

Price Each			
1	100	500	1000
.65	.59	.54	.49

MEETS MIL SPECS™

MOUSER STOCK NO.	L (µH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
43HH395	39	60	2.5	14.5	2.60	176
43HH475	47	55	2.5	13.0	2.75	170
43HH685	68	55	2.5	11.0	3.30	156
43HH825	82	50	2.5	10.3	3.90	143
43HH104	100	50	2.5	9.5	4.50	133
43HH154	150	65	0.79	8.0	6.05	114
43HH224	220	65	0.79	6.2	7.45	103
43HH474	470	65	0.79	3.9	17.9	100
43HH103	1000	55	0.79	2.3	33.1	74

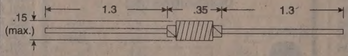
SUB-MINIATURE RF CHOKES

43LQ Series

MOUSER STOCK NO.	L (µH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
43LQ107	.10	45	25.2	575	.025	2828
43LQ157	.15	45	25.2	500	.03	2582
43LQ227	.22	45	25.2	400	.04	2236
43LQ337	.33	45	25.2	325	.075	1633
43LQ477	.47	45	25.2	275	.15	1154
43LQ687	.68	45	25.2	225	.25	894
43LQ757	.75	45	25.2	200	.275	852
43LQ827	.82	45	25.2	175	.30	816
43LQ106	1.0	40	7.96	125	.36	745
43LQ126	1.2	40	7.96	100	.10	1414
43LQ156	1.5	40	7.96	95	.115	1318
43LQ186	1.8	40	7.96	85	.12	1290
43LQ226	2.2	40	7.96	83	.165	1100
43LQ276	2.7	40	7.96	75	.185	1039
43LQ336	3.3	35	7.96	65	.275	852
43LQ396	3.9	35	7.96	60	.30	816
43LQ476	4.7	35	7.96	55	.465	655
43LQ566	5.6	35	7.96	50	.50	632
43LQ686	6.8	35	7.96	50	.625	565
43LQ756	7.5	35	7.96	45	.65	554
43LQ826	8.2	35	7.96	40	.75	516
43LQ105	10.0	35	7.96	30	1.50	365
43LQ125	12.0	30	2.52	26	1.37	318

- Inductive tolerance:
  .10 to 1.0µH ±20%
  1.2 to 1000µH ±10%
- Varnished dipped
- Core materials: Iron

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

Price Each			
1	100	500	1000
.38	.26	.24	.22

MOUSER STOCK NO.	L (µH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
43LQ155	15.0	30	2.52	20	1.62	305
43LQ185	18.0	30	2.52	14	1.71	278
43LQ225	22.0	30	2.52	10	1.88	225
43LQ275	27.0	30	2.52	7	2.03	200
43LQ335	33.0	30	2.52	5	2.39	196
43LQ395	39.0	30	2.52	4.3	2.53	192
43LQ475	47.0	30	2.52	4.0	2.78	186
43LQ565	56.0	30	2.52	3.8	3.06	179
43LQ685	68.0	30	2.52	3.5	3.42	170
43LQ825	82.0	30	2.52	3.3	3.59	154
43LQ104	100.0	30	.796	3.0	4.35	136
43LQ124	120.0	30	.796	2.5	4.14	115
43LQ154	150.0	30	.796	2.5	4.85	104
43LQ184	180.0	30	.796	2.2	5.00	95
43LQ224	220.0	30	.796	2.0	5.87	83.5
43LQ274	270.0	30	.796	1.5	8.06	77
43LQ334	330.0	30	.796	1.4	8.50	69
43LQ394	390.0	30	.796	1.4	9.31	60
43LQ474	470.0	30	.796	1.2	13.9	51
43LQ564	560.0	30	.796	1.1	15.1	48
43LQ684	680.0	30	.796	1.1	15.7	40.25
43LQ824	820.0	30	.796	1.0	18.5	32
43LQ103	1000.0	30	.796	.9	22.2	30

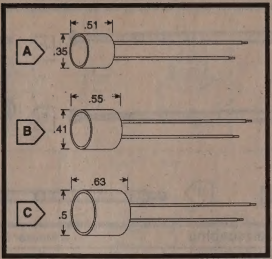
Chokes and Data Bus Devices

ECONOMY RF CHOKES

Miniature fixed inductor wound on a ferrite core and resin encapsulated into a molded plastic case. These RF chokes exhibit excellent moisture resistance, and vibration endurance.

For quantities greater than listed, call for quote.

Series	Price Each			
	1	100	500	1000
434-1120	.99	.75	.69	.65
43LH	1.15	.89	.79	.75
43LJ	1.18	.90	.82	.74



DIMENSIONS (IN.)

434-1120 Series

- Temperature: -10°C to 40°C

MOUSER STOCK NO.	Fig.	L (µH)	L (mH)	Toler-ance	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
434-1120-220L	A	22	.022	±15%	50	796.0	11.0	0.3	600
434-1120-330L	A	33	.033	±15%	50	796.0	9.7	0.35	500
434-1120-680L	A	68	.068	±15%	50	796.0	7.1	0.6	378
434-1120-101L	A	100	.100	±15%	50	796.0	5.9	1.0	300
434-1120-151L	A	150	.150	±15%	50	796.0	5.0	1.3	300
434-1120-221L	A	220	.220	±15%	50	796.0	4.1	2.0	200
434-1120-331L	A	330	.330	±15%	50	796.0	3.3	2.8	150
434-1120-561L	A	560	.560	±15%	50	796.0	2.6	4.0	150
434-1120-103K	A	1000	1.000	±10%	80	796.0	1.8	5.5	100
434-1120-123K	A	1200	1.200	±10%	80	252.0	1.6	6.0	100
434-1120-153K	A	1500	1.500	±10%	80	252.0	1.45	7.0	100
434-1120-223K	A	2200	2.200	±10%	80	252.0	1.1	9.0	100
434-1120-393K	A	3900	3.900	±10%	80	252.0	0.47	15.0	87
434-1120-473K	A	4700	4.700	±10%	80	252.0	.68	20.0	80
434-1120-104K	A	10,000	10.000	±10%	80	79.6	.21	40.0	58
434-1120-124K	A	12,000	12.000	±10%	80	79.6	.11	45.0	50

43LH Series

- Temperature: -10°C to +80°C
- Encapsulated
- Ferrite/Iron cored

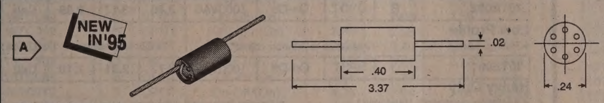
MOUSER STOCK NO.	Fig.	L (µH)	L (mH)	Toler-ance	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
43LH210	B	1000	1.0	±10%	60	252	1.40	2.5	250
43LH212	B	1200	1.2	±10%	75	252	1.30	3.0	250
43LH215	B	1500	1.5	±10%	75	252	1.10	5.0	150
43LH218	B	1800	1.8	±10%	75	252	1.00	5.5	150
43LH222	B	2200	2.2	±10%	75	252	0.90	7.0	150
43LH227	B	2700	2.7	±10%	75	252	0.80	8.0	150
43LH233	B	3300	3.3	±10%	75	252	0.70	9.0	150
43LH239	B	3900	3.9	±10%	75	252	0.68	10.0	100
43LH247	B	4700	4.7	±10%	60	252	0.65	11.5	100
43LH256	B	5600	5.6	±10%	60	252	0.56	15.0	100
43LH268	B	6800	6.8	±10%	45	252	0.45	16.8	100
43LH282	B	8200	8.2	±10%	45	252	0.40	19.5	50
43LH310	B	10000	10.0	±10%	80	252	0.35	34.0	50
43LH312	B	12000	12.0	±10%	80	252	0.33	39.0	50
43LH318	B	18000	18.0	±10%	80	252	0.30	50.0	50
43LH322	B	22000	22.0	±10%	80	252	0.25	57.0	50
43LH327	B	27000	27.0	±10%	80	252	0.20	70.0	50
43LH333	B	33000	33.0	±10%	80	252	0.19	75.0	50

43LJ Series

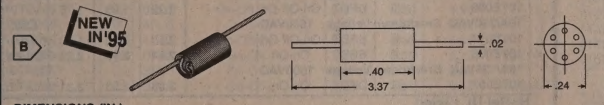
- ±10°C tolerance
- Encapsulated

43LJ310	C	10000	10.0	±10%	100	79.6	0.30	22.0	100
43LJ312	C	12000	12.0	±10%	100	79.6	0.25	23.0	100
43LJ315	C	15000	15.0	±10%	100	79.6	0.20	27.0	100
43LJ318	C	18000	18.0	±10%	60	79.6	0.19	34.0	100
43LJ322	C	22000	22.0	±10%	60	79.6	0.18	40.0	100
43LJ327	C	27000	27.0	±10%	60	79.6	0.17	47.0	100
43LJ333	C	33000	33.0	±10%	60	79.6	0.16	55.0	80
43LJ339	C	39000	39.0	±10%	35	79.6	0.14	60.0	80
43LJ347	C	47000	47.0	±10%	35	79.6	0.13	72.0	80
43LJ356	C	56000	56.0	±10%	35	79.6	0.12	110.0	50
43LJ368	C	68000	68.0	±10%	35	79.6	0.11	120.0	50
43LJ382	C	82000	82.0	±10%	35	79.6	0.09	150.0	50
43LJ410	C	100000	100.0	±10%	30	79.6	0.11	150.0	30
43LJ412	C	120000	120.0	±10%	30	79.6	0.09	200.0	30
43LJ415	C	150000	150.0	±10%	30	79.6	0.08	250.0	30

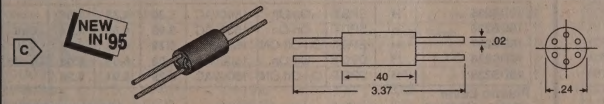
HiQ™ WIDEBAND CHOKES



DIMENSIONS (IN.)



DIMENSIONS (IN.)



DIMENSIONS (IN.)

Specifications:

- 6 hole ferrite core
- 1.5" 24 AWG leads

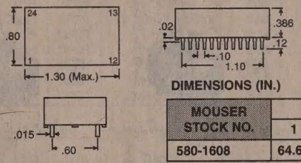
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Wind-ing	Impedance Min. (Ω)				Price Each			
			10MHz	50MHz	100MHz	200MHz	1	100	500	1000
434-6H-351	A	1.5	170	320	375	- - -	.39	.35	.31	.29
434-6H-451	A	1.5	- - -	350	490	300	.39	.35	.31	.29
434-6H-751	B	2.5	320	680	580	- - -	.39	.35	.31	.29
434-6H-851	B	2.5	- - -	800	575	250	.39	.35	.31	.29
434-6H-901	C	2x1.5	170	320	375	- - -	.39	.35	.31	.29
434-6H-102	C	2x1.5	- - -	350	490	300	.39	.35	.31	.29

newport technology 8 BIT ACTIVE DATA-BUS ISOLATOR

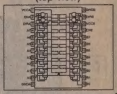
Features:

- No external components required
- 5 volt operation
- 8-bit data-bus isolation
- Replaces 16 hi-speed opto's
- Built-in LS TTL buffers
- Tri-state outputs
- Bi-directional control input
- Max isolation breakdown: 700 VDC
- Low power consumption: 500mW typ.
- Operating temp. range: 0°C to +70°C
- Standard 24 pin DIP package



DIMENSIONS (IN.)

Dual-In-Line Package (top view)



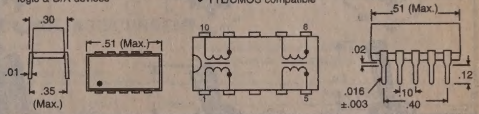
MOUSER STOCK NO.	Price Each			
	1	10	25	50
580-1608	64.67	61.08	56.56	Call

newport technology DUAL DATA-BUS PASSIVE ISOLATOR

Features:

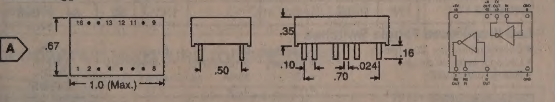
- Max isolation breakdown 700 VDC
- Facilitates isolation between logic & D/A devices
- Inverting or non-inverting
- Bi-directional
- Low profile DIP package
- TTL/CMOS compatible

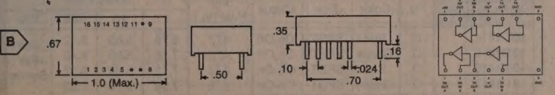
DIMENSIONS (IN.)



MOUSER STOCK NO.	Type	Function	Max. Pulse Width	Price Each		
				1	10	25
580-1601	Dual	5V to 5V logic Isolation	5µsec	13.97	12.70	11.55

newport technology RS232C TRANSMITTER AND RECEIVER





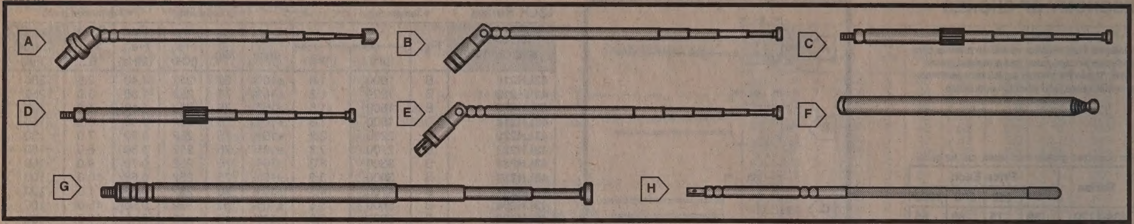
Features:

- Built in DC-DC converter
- Works from a single +5V supply
- EIA-RS232 compatible input/output
- Logic slide is TTL/CMOS compatible
- .50" low profile DIP package
- Supply voltage: 4-7VDC
- Operating temperature range: 0°C to +70°C

DIMENSIONS (IN.)

MOUSER STOCK NO.	Fig.	Type	Typical Power Consumption	Price Each			
				1	5	10	25
580-232C	A	Single	70mW	20.20	18.36	16.67	Call
580-232CD	B	Dual	110mW	24.44	22.22	20.20	

Antennas and Toggle Switches



HiQ™ ANTENNAS

Telescoping

MOUSER STOCK NO.	Fig.	Length (In.)		Dia. (In.)	Sect.	Thread Size L x P (mm)	Price Each			
		Extended	Collapsed				1	10	100	500
430-1000	A	31.5	8.0	0.240	5	- - - - -	3.84	3.49	3.18	Call For Quote
430-1002	B	25.8	7.0	0.236	5	3.0 x 0.50	4.03	3.59	3.30	
430-1033	C	13.0	3.2	0.236	6	3.0 x 0.50	3.73	3.36	3.09	
430-1096	D	17.6	3.58	0.236	6	3.0 x 0.50	3.73	3.36	3.09	
430-1415	E	34.6	6.89	0.236	6	- - - - -	4.03	3.59	3.30	

Telescoping

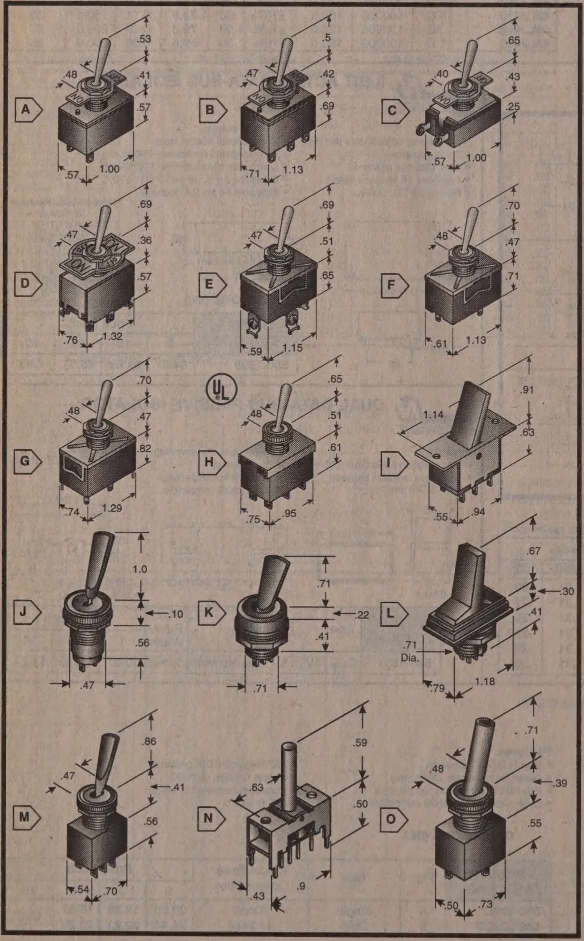
∗ Mouser P/N: 48SM026　　† Mouser P/N: 48SM003

MOUSER STOCK NO.	Fig.	Length (In.)		Dia. (In.)	Sect.	Thread Size L x P (mm)	Price Each			
		Extended	Collapsed				1	10	100	500
43AR103	F	19.8	3.6	.32	8	2.6 x 0.45 ∗	2.39	1.99	1.79	Call For Quote
43AR104	G	20.5	6.0	.17	4	3.0 x 0.50	1.56	1.17	1.07	
43AR105	F	33.3	5.8	.28	7	3.0 x 0.50 †	2.63	2.19	1.99	
43AR106	F	19.0	4.25	.24	6	2.6 x 0.45 ∗	1.38	1.13	1.04	

Flexible

MOUSER STOCK NO.	Fig.	Length (In.)		Base Dia. (In.)	Imped. (Ω)	Resonant Freq. MHz	Price Each			
		Rigid	Flexible				1	10	100	500
430-1031	H	3.9	5.75	0.236	50	49	7.75	6.90	6.35	Call

Mountain Switch TOGGLE SWITCHES



∗E68037(S)
†E128300

Standard Duty

- Rating: 3A/125 VAC
- Insulation resistance: 200M (min.)
- Contact resistance: 20m (max.)

MOUSER STOCK NO.	Fig.	Type	Circuit	Breakdown Voltage	Price Each			
					1	10	100	500
10TE005	A	SPST	On-Off	150VAC	1.33	1.11	.99	Call

- Rating: 3A/125 VAC
- Insulation resistance: 100M (min.)
- Contact resistance: 20m (max.)

10TE002	B	DPDT	On-On	1000VAC	3.80	3.17	2.88	Call

Low Profile

- Rating: 5A/125 VAC
- Insulation resistance: 100M (min.)
- Contact resistance: 20m (max.)

10TE001	C	SPST	On-Off	1000VAC	2.77	2.31	2.10	Call

Heavy Duty

- Insulation resistance: 100M (min.)
- Contact resistance: 50m (max.)

10A/125VAC Breakdown Voltage: 1000VAC								
10TE008	D	DPDT	On-Off-On	- - - -	2.22	1.93	1.75	Call For Quote
10A/250VAC Breakdown Voltage: 1500VAC								
10TE012	E	SPDT	On-Off-On	- - - -	2.53	2.10	1.93	
∗ 10TE006	F	SPST	On-Off	- - - -	2.94	2.45	2.23	
15A/125VAC Breakdown Voltage: 1500VAC								
∗ 10TE007	G	DPDT	On-On	- - - -	3.05	2.53	2.31	

Hi-Rel UL Listed

- Rating: 6A/250VAC
- Insulation resistance: 100M (min.)
- Contact resistance: 20m (max.)

† 10DS235	H	SPST	On-Off	1500VAC	5.20	4.33	3.94	Call For Quote
† 10DS236	H	SPDT	On-On	1500VAC	5.99	4.99	4.55	
† 10DS237	H	SPDT	On-Off-ON	1500VAC	5.70	4.75	4.32	
† 10DS238	H	DPDT	On-On	1500VAC	8.03	6.69	6.08	
† 10DS239	H	DPDT	On-Off-ON	1500VAC	8.29	6.91	6.28	

Plastic Lever

- Rating: .3A/125VAC
- Insulation resistance: 100M (min.)
- Contact resistance: 20m (max.)

10TL050	I	DPDT	On-On	1000VAC	2.46	2.05	1.86	Call
10DS274	J	SPST	On-Off	1000VAC	4.92	4.10	3.73	

- Rating: 3A/125VAC
- Insulation resistance: 100M (min.)
- Contact resistance: 20m (max.)

10DS070	K	SPST	On-Off	1500VAC	3.12	2.59	2.37	Call
10DS072	K	SPDT	On-On	1500VAC	3.12	2.59	2.37	

- Rating: 6A/125VAC
- Insulation resistance: 100M (min.)
- Contact resistance: 20m (max.)

10DS392	L	SPDT	On-On	1000VAC	3.19	2.65	2.42	Call For Quote
10MS393	L	DPDT	On-ON	1000VAC	4.52	3.77	3.42	
10TL020	M	SPST	On-OFF	1000VAC	4.00	3.33	3.03	
10TL021	M	SPDT	On-ON	1000VAC	5.04	4.20	3.82	
10TL022	M	DPDT	On-ON	1000VAC	7.59	6.32	5.75	

Toggle Switch

- Brushed aluminum handles
- PC terminals
- Rating: .3A/50VAC

10TS003	N	DP3T	On-On-On	- - - -	1.11	.92	.84	Call

Led Illuminated Toggle Switches

- Contact resistance: 20m (max.)
- Led on a separate circuit
- Rating: 3A/125VAC

Led data:	Red	Green
Intensity:	2.1mcd (Typ)	1.4mcd(Tpy.)
IF:	20mA	20mA
VF	1.7V	2.0V

E43907

MOUSER STOCK NO.	Fig.	Color	Type	Circuit	Mtg. Hole (In.)	Price Each			
						1	10	100	500
10TR414	O	Red	SPST	On-Off	.472	6.76	5.63	5.12	Call For Quote
10TR415	O	Green	SPST	On-Off	.472	7.15	5.96	5.42	
10TR416	O	Red	SPDT	On-On	.472	7.12	5.93	5.39	
10TR417	O	Green	SPDT	On-On	.472	7.38	6.15	5.59	

Mountain Switch

Miniature Toggle Switches

DIMENSIONS (IN.)

Figures Are Shown as SPDT or DPDT, But All Items Are Stocked in SPST, SPDT, and DPDT

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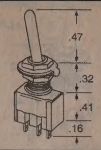

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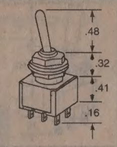

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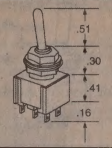

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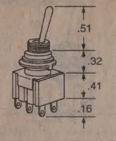

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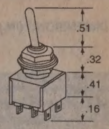

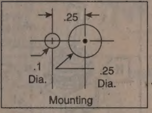

Does not apply to figure G & H

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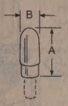

Caps Are Press Fit

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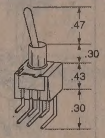

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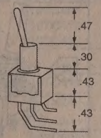

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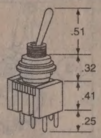

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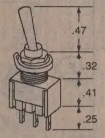

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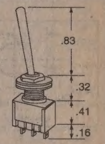


Specifications:

- Breakdown voltage: 1000VAC, for one minute
- Insulation resistance: 100MΩ (min.)
- Mechanical life: over 30,000 operations
- Electrical life: over 10,000 operations
- ( ) = Momentary contact

* UL (file no. E128300) listed.

** CSA (file no. LR26920) listed.

STANDARD LEVER

- Rating: 3A/125VAC, 1A/250VAC
- Solder terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
108-MS550K	A	SPST	On-Off	2.36	1.97	1.79	Call For Quote
108-MS550A	A	SPDT	On-On	2.46	2.05	1.86	
108-MS550C	A	SPDT	On-Off-On	3.02	2.52	2.29	
108-MS550H	A	DPDT	On-Off-On	3.80	3.17	2.88	

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TC220	B	SPST	On-Off	2.69	2.24	2.04	Call
10TC230	B	SPDT	On-On	2.99	2.49	2.26	For
10TC232	B	SPDT	On-(On)	3.14	2.62	2.38	Quote
10TC235	B	SPDT	On-Off-On	3.31	2.76	2.51	
10TC240	B	SPDT	On-Off-(On)	3.38	2.82	2.56	
10TC245	B	SPDT	(On)-Off-(On)	3.38	2.82	2.56	
10TC260	B	DPDT	On-On	4.08	3.40	3.09	
10TC262	B	DPDT	On-(On)	4.33	3.61	3.28	Call
10TC265	B	DPDT	On-Off-On	4.61	3.84	3.49	For
10TC270	B	DPDT	On-Off-(On)	4.78	3.98	3.62	Quote
10TC275	B	DPDT	(On)-Off-(On)	4.78	3.98	3.62	
10TC280	B	3PDT	On-On	5.49	4.58	4.16	
10TC285	B	3PDT	On-Off-On	6.47	5.39	4.90	
10TC290	B	4PDT	On-On	7.03	5.86	5.32	
10TC295	B	4PDT	On-Off-On	8.34	6.95	6.31	
10TA820	C	SPST	On-Off	3.06	2.55	2.32	Call
10TA830	C	SPDT	On-On	3.30	2.75	2.50	For
10TA860	C	DPDT	On-On	4.33	3.61	3.28	Quote

HI-REL STANDARD LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TA730	D	SPDT	On-On	4.14	3.45	3.14	Call
10TA732	D	SPDT	On-(On)	4.70	3.92	3.56	For
10TA735	D	SPDT	On-Off-On	4.49	3.74	3.40	Quote
10TA740	D	SPDT	On-Off-(On)	4.94	4.11	3.74	
10TA745	D	SPDT	(On)-Off-(On)	4.94	4.11	3.74	
10TA760	D	DPDT	On-On	6.13	5.11	4.64	
10TA765	D	DPDT	On-Off-On	6.56	5.47	4.97	
10TA762	D	DPDT	On-(On)	7.09	5.91	5.37	Call
10TA770	D	DPDT	On-Off-(On)	7.42	6.18	5.62	For
10TA775	D	DPDT	(On)-Off-(On)	7.42	6.18	5.62	Quote

HI-CURRENT STANDARD LEVER

- Rating: 10A/125VAC
- Solder terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TC320	E	SPST	On-Off	3.28	2.73	2.48	
10TC330	E	SPDT	On-On	3.56	2.97	2.70	Call
10TC335	E	SPDT	On-Off-On	3.92	3.27	2.97	For
10TC360	E	DPDT	On-On	4.89	4.15	3.77	Quote
10TC365	E	DPDT	On-Off-On	5.46	4.55	4.14	

DECORATIVE MINIATURE TOGGLE LEVER

- Plastic caps for miniature toggle switches

MOUSER STOCK NO.	Fig.	Color	Dimensions (In.)		Price Each			
			A	B	1	10	100	500
10TB001	F	Red	.45	.18	.21	.15	.13	Call For Quote
10TB002	F	Black	.45	.18	.21	.15	.13	
10TB003	F	White	.45	.18	.21	.15	.13	
10TB004	F	Blue	.45	.18	.21	.15	.13	

HI-REL STANDARD LEVER, PC MOUNT

- Rating: 6A/125VAC, 3A/250VAC
- Gold plated terminals
- Right angle PC mount
- ( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TF230	G	SPDT	On-On	4.30	3.58	3.25	Call
10TF235	G	SPDT	On-Off-On	4.01	3.34	3.04	For
10TF232	G	SPDT	On-(On)	4.13	3.44	3.12	Quote
10TF240	G	SPDT	On-Off-(On)	4.36	3.63	3.30	
10TF245	G	SPDT	(On)-Off-(On)	4.36	3.63	3.30	
10TF260	G	DPDT	On-On	5.64	4.70	4.27	
10TF265	G	DPDT	On-Off-On	6.05	5.04	4.58	
10TF262	G	DPDT	On-(On)	6.23	5.19	4.72	Call
10TF270	G	DPDT	On-Off-(On)	6.42	5.35	4.86	For
10TF275	G	DPDT	(On)-Off-(On)	6.62	5.51	5.01	Quote

- Rating: 6A/125VAC, 3A/250VAC
- Gold plated terminals
- Vertical PC mount
- ( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TF130	H	SPDT	On-On	4.30	3.58	3.25	Call
10TF135	H	SPDT	On-Off-On	4.50	3.75	3.41	For
10TF132	H	SPDT	On-(On)	4.66	3.88	3.53	Quote
10TF140	H	SPDT	On-Off-(On)	4.91	4.09	3.72	
10TF145	H	SPDT	(On)-Off-(On)	4.92	4.10	3.73	
10TF160	H	DPDT	On-On	6.16	5.13	4.66	
10TF165	H	DPDT	On-Off-On	6.56	5.47	4.97	
10TF162	H	DPDT	On-(On)	6.95	5.79	5.26	Call
10TF170	H	DPDT	On-Off-(On)	6.98	5.82	5.29	For
10TF175	H	DPDT	(On)-Off-(On)	7.14	5.95	5.41	Quote

- Rating: 6A/125VAC, 3A/250VAC
- Gold plated terminals
- PC mount
- ( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
* 10TC430	I	SPDT	On-On	4.90	4.08	3.71	Call For Quote
* 10TC435	I	SPDT	On-Off-On	5.14	4.28	3.89	
10TC445	I	SPDT	(On)-Off-(On)	5.60	4.66	4.24	
* 10TC460	I	DPDT	On-On	7.36	6.13	5.57	
* 10TC465	I	DPDT	On-Off-On	7.81	6.51	5.92	
10TC475	I	DPDT	(On)-Off-(On)	8.69	7.24	6.58	

HI-REL LOW VOLTAGE/CURRENT

- Rating: 20mA/25VAC
- Electrical life: >50,000 cycles
- Gold plated contacts and terminals
- Insulation resistance: 1000MΩ (min.)
- Mechanical life: 100,000 cycles
- PC mount

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
108-MS510A	J	SPDT	On-On	5.72	4.77	4.33	Call For Quote
108-MS510C	J	SPDT	On-Off-On	6.44	5.37	4.88	
108-MS510F	J	DPDT	On-On	9.00	7.50	6.82	
108-MS510H	J	DPDT	On-Off-On	10.45	8.71	7.92	

LONG METAL LEVER

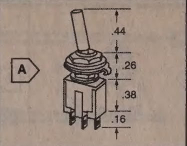
- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) Momentary contact

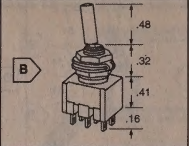
MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TA420	K	SPST	On-Off	2.99	2.49	2.26	Call
10TA445	K	SPDT	(On)-Off-(On)	3.47	2.89	2.63	For
10TA430	K	SPDT	On-On	3.37	2.80	2.55	Quote
10TA435	K	SPDT	On-Off-On	3.63	3.03	2.76	
10TA460	K	DPDT	On-On	4.37	3.64	3.31	
10TA475	K	DPDT	(On)-Off-(On)	4.87	4.06	3.69	
10TA465	K	DPDT	On-Off-On	4.91	4.09	3.72	
* 108-MS344A	K	SPDT	On-On	4.58	3.82	3.47	Call
* 108-MS344C	K	SPDT	On-Off-On	4.82	4.02	3.65	For
* 108-MS344F	K	DPDT	On-On	6.24	5.20	4.73	Quote

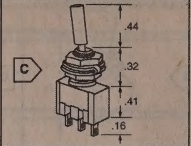
Mountain Switch Miniature Toggle Switches

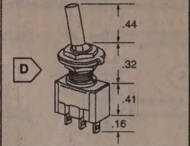
DIMENSIONS (IN.)

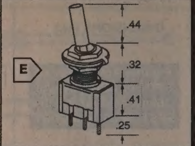
Figures Are Shown as SPDT or DPDT, But All Items Are Stocked in SPST, SPDT, and DPDT

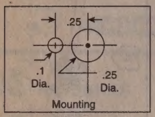


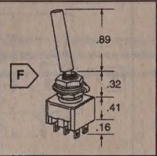


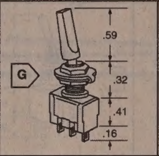


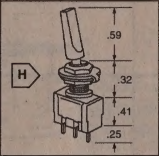


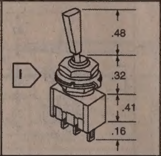


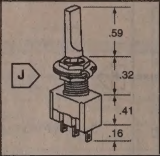


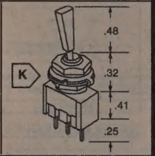












Specifications:

- Contact resistance: 20mΩ (max.)
- Breakdown voltage: 1000VAC for one minute
- Insulation resistance: 100MΩ (min.)
- ( ) = Momentary contact

UL CSA

* UL (file no. E128300) listed.
** CSA (file no. LR26920) listed.
*** UL and CSA listed

METAL BATON LEVER WITH COLORED TIP

- Rating: 3A/125VAC
- Solder terminals

MOUSER STOCK NO.	Fig.	Tip Color	Type	Circuit	Price Each 1	10	100	500
10TF105	A	Red	SPST	On-Off	2.89	2.41	2.19	Call For Quote
10TF205	A	Yellow	SPST	On-Off	2.89	2.41	2.19	
10TF305	A	Blue	SPST	On-Off	2.89	2.41	2.19	
10TF110	A	Red	SPDT	On-On	3.11	2.59	2.35	
10TF210	A	Yellow	SPDT	On-On	3.11	2.59	2.35	
10TF310	A	Blue	SPDT	On-On	3.11	2.59	2.35	
10TF115	A	Red	DPDT	On-On	3.64	3.03	2.75	Call For Quote
10TF215	A	Yellow	DPDT	On-On	3.64	3.03	2.75	
10TF315	A	Blue	DPDT	On-On	3.64	3.03	2.75	

METAL BATON LEVER WITH COLORED TIP

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each 1	10	100	500
108-MS500KCL-BLK	B	SPST	On-Off	3.11	2.59	2.35	Call For Quote
108-MS500ACL-BLK	B	SPDT	On-On	3.35	2.79	2.54	
108-MS500FCL-BLK	B	DPDT	On-On	4.56	3.80	3.45	
108-MS500KCL-RED	B	SPST	On-Off	3.11	2.59	2.35	
108-MS500ACL-RED	B	SPDT	On-On	3.35	2.79	2.54	
108-MS500FCL-RED	B	DPDT	On-On	4.56	3.80	3.45	

ANODIZED ALUMINUM BATON LEVER

- Rating: 3A/125VAC
- Solder terminals

10TF605	A	SPST	On-Off	3.31	2.76	2.51	Call For Quote
10TF610	A	SPDT	On-On	3.43	2.86	2.60	
10TF615	A	DPDT	On-On	4.09	3.41	3.10	

PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

108-MS500KPL-BLK	C	SPST	On-Off	2.81	2.34	2.13	Call For Quote
108-MS500APL-BLK	C	SPDT	On-On	3.31	2.76	2.51	
108-MS500FPL-BLK	C	DPDT	On-On	4.18	3.48	3.16	
108-MS500KPL-RED	C	SPST	On-Off	2.81	2.34	2.13	
108-MS500APL-RED	C	SPDT	On-On	3.31	2.76	2.51	
108-MS500FPL-RED	C	DPDT	On-On	4.18	3.48	3.16	

HI-REL PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each 1	10	100	500
* 108-MS340A-BLK	D	SPDT	On-On	4.24	3.53	3.21	Call For Quote
* 108-MS340C-BLK	D	SPDT	On-Off-On	4.40	3.67	3.34	
* 108-MS340F-BLK	D	DPDT	On-On	6.08	5.07	4.61	
* 108-MS340A-RED	D	SPDT	On-On	4.24	3.53	3.21	
* 108-MS340C-RED	D	SPDT	On-Off-On	4.40	3.67	3.34	
* 108-MS340F-RED	D	DPDT	On-On	6.08	5.07	4.61	

HI-REL PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- PC terminals
- Part number suffix indicates lever tip color

* 108-MS341A-BLK	E	SPDT	On-On	5.09	4.24	3.85	Call For Quote
* 108-MS341C-BLK	E	SPDT	On-Off-On	5.09	4.24	3.85	
* 108-MS341F-BLK	E	DPDT	On-On	7.40	6.17	5.61	
* 108-MS341A-RED	E	SPDT	On-On	5.09	4.24	3.85	
* 108-MS341C-RED	E	SPDT	On-Off-On	5.09	4.24	3.85	
* 108-MS341F-RED	E	DPDT	On-On	7.40	6.17	5.61	

PLASTIC LONG BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each 1	10	100	500
108-MS500AML-BLK	F	SPDT	On-On	2.09	1.74	1.58	Call For Quote
108-MS500KML-RED	F	SPST	On-Off	2.99	2.49	2.26	
108-MS500AML-RED	F	SPDT	On-On	3.28	2.73	2.48	
108-MS500FML-RED	F	DPDT	On-On	4.37	3.64	3.31	

LONG BLACK PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each 1	10	100	500
10TA120	F	SPST	On-Off	2.99	2.49	2.26	Call For Quote
10TA130	F	SPDT	On-On	3.17	2.64	2.40	
10TA135	F	SPDT	On-Off-On	3.60	3.00	2.73	
10TA145	F	SPDT	(On)-Off-(On)	3.64	3.03	2.75	
10TA160	F	DPDT	On-On	4.37	3.64	3.31	Call For Quote
10TA165	F	DPDT	On-Off-On	4.90	4.08	3.71	
10TA175	F	DPDT	(On)-Off-(On)	5.02	4.18	3.80	

HI-REL LONG PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

* 108-MS345A-BLK	F	SPDT	On-On	4.40	3.67	3.34	Call For Quote
* 108-MS345C-BLK	F	SPDT	On-Off-On	4.66	3.88	3.53	
* 108-MS345F-BLK	F	DPDT	On-On	7.08	5.90	5.36	
* 108-MS345A-RED	F	SPDT	On-On	4.40	3.67	3.34	
* 108-MS345C-RED	F	SPDT	On-Off-On	4.66	3.88	3.53	
* 108-MS345F-RED	F	DPDT	On-On	7.08	5.90	5.36	

BLACK PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) Momentary contact

10TA220	G	SPST	On-Off	3.26	2.72	2.48	Call For Quote
*** 10TA230	G	SPDT	On-On	3.55	2.96	2.70	
10TA235	G	SPDT	On-Off-On	3.88	3.23	2.94	
10TA245	G	SPDT	(On)-Off-(On)	3.92	3.27	2.97	
*** 10TA260	G	DPDT	On-On	4.66	3.88	3.53	Call For Quote
10TA265	G	DPDT	On-Off-On	5.18	4.32	3.93	
10TA275	G	DPDT	(On)-Off-(On)	5.32	4.43	4.03	

HI-REL BLACK PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals

*** 10TA530	G	SPDT	On-On	4.58	3.82	3.47	Call For Quote
* 10TA535	G	SPDT	On-Off-On	4.98	4.15	3.77	
*** 10TA565	G	DPDT	On-Off-On	7.03	5.86	5.32	
*** 10TA560	G	DPDT	On-On	6.72	5.61	5.09	

HI-REL BLACK PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- PC terminals
- ( ) Momentary contact

* 10TC130	H	SPDT	On-On	5.35	4.46	4.05	Call For Quote
* 10TC135	H	SPDT	On-Off-On	5.60	4.66	4.24	
10TC145	H	SPDT	(On)-Off-(On)	6.11	5.09	4.63	
* 10TC160	H	DPDT	On-On	7.87	6.56	5.96	
* 10TC170	H	DPDT	On-Off-On	8.28	6.90	6.27	
10TC175	H	DPDT	(On)-Off-(On)	9.05	7.54	6.85	

METALLIZED PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) Momentary contact

10TA320	I	SPST	On-Off	3.39	2.82	2.56	Call For Quote
10TA330	I	SPDT	On-On	3.72	3.10	2.82	
10TA335	I	SPDT	On-Off-On	4.06	3.38	3.07	
10TA345	I	SPDT	(On)-Off-(On)	4.14	3.45	3.14	
10TA360	I	DPDT	On-On	4.81	4.01	3.64	Call For Quote
10TA365	I	DPDT	On-Off-On	5.39	4.49	4.08	
10TA375	I	DPDT	(On)-Off-(On)	5.52	4.60	4.18	

HI-REL METALLIZED PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals

* 108-MS333A	J	SPDT	On-On	5.19	4.32	3.93	Call For Quote
* 108-MS333C	J	SPDT	On-Off-On	5.44	4.53	4.11	
* 108-MS333F	J	DPDT	On-On	7.38	6.15	5.59	

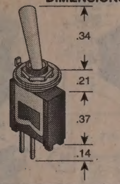
HI-REL METALLIZED PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- PC terminals
- Gold plated contacts
- ( ) Momentary contact

* 10TC930	K	SPDT	On-On	5.84	4.86	4.42	Call For Quote
* 10TC935	K	SPDT	On-Off-On	6.09	5.07	4.61	
10TC945	K	SPDT	(On)-Off-(On)	6.38	5.31	4.83	
* 10TC960	K	DPDT	On-On	8.61	7.18	6.52	
* 10TC965	K	DPDT	On-Off-On	8.63	7.19	6.53	
10TC975	K	DPDT	(On)-Off-(On)	11.24	9.37	8.51	

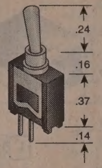
Toggle and Snap Switches

A DIMENSIONS (IN.)



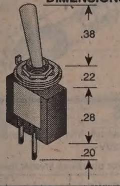
Stocked In:
SPST
SPDT
DPDT

B DIMENSIONS (IN.)



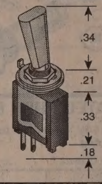
Stocked In:
SPST
SPDT
DPDT

C DIMENSIONS (IN.)



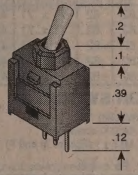
Stocked In:
SPST
SPDT
DPDT

D DIMENSIONS (IN.)



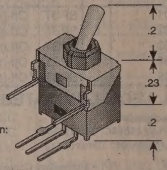
Stocked In:
SPST
SPDT
DPDT

E DIMENSIONS (IN.)



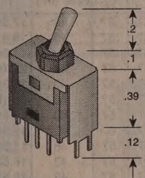
Stocked In:
SPDT
DPDT

F DIMENSIONS (IN.)



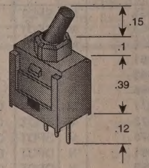
Stocked In:
SPDT
DPDT

G DIMENSIONS (IN.)



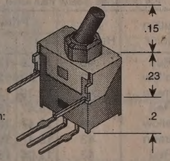
Stocked In:
SPDT
DPDT

H DIMENSIONS (IN.)



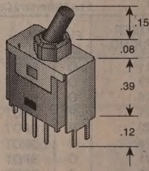
Stocked In:
SPDT
DPDT

I DIMENSIONS (IN.)



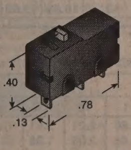
Stocked In:
SPDT
DPDT

J DIMENSIONS (IN.)



Stocked In:
SPDT
DPDT

K DIMENSIONS (IN.)



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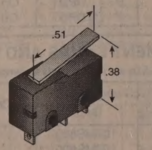

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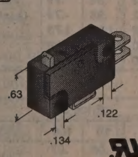
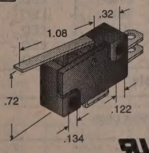
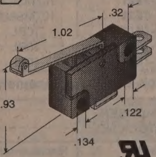


N DIMENSIONS (IN.)



O DIMENSIONS (IN.)



SUB MINIATURE TOGGLE SWITCHES

Specifications:

- Insulation resistance: 100MΩ @ 500VDC (min.)
- Voltage breakdown: 1000VAC / 1 minute
- Contact resistance: 20m Ω @ 2.5VDC, 100mA (max.)

Hi-Rel/Low Current Switches

- PC mount • Rating: .3A/125VAC

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each				
				1	10	100	500	1000
10TC405	A	SPST	On-Off	2.58	2.15	1.95	1.77	Call
10TC410	A	SPDT	On-On	2.69	2.24	2.04	1.85	For
10TC415	A	DPDT	On-On	3.28	2.73	2.48	2.25	Quote

- PC mount • Rating: .3A/30VDC

10TC412	A	SPDT	On-Off-On	2.82	2.35	2.13	1.94	Call
10TC418	A	DPDT	On-Off-On	3.50	2.92	2.65	2.41	

- PC mount • Rating: .3A/125VAC

10TC605	B	SPST	On-Off	2.21	1.84	1.67	1.52	Call
10TC610	B	SPDT	On-On	2.30	1.91	1.74	1.58	For
10TC615	B	DPDT	On-On	2.87	2.39	2.17	1.97	Quote

- PC mount • Rating: .3A/30VDC

10TC612	B	SPDT	On-Off-On	2.48	2.07	1.88	1.71	Call
10TC618	B	DPDT	On-Off-On	3.29	2.69	2.44	2.22	

Hi-Rel Standard Lever Switches

- Solder terminals • Rating: 3A/125VAC • Gold plated contacts and terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each				
				1	10	100	500	1000
10TA805	C	SPST	On-Off	2.62	2.18	1.98	1.80	Call
10TA810	C	SPDT	On-On	2.75	2.29	2.08	1.89	For
10TA815	C	DPDT	On-On	3.43	2.86	2.60	2.36	Quote

Lever Switches

- Solder terminals • Rating: 3A/125VAC • Silver plated contacts and terminals

10TA305	D	SPST	On-Off	3.22	2.68	2.44	2.22	Call
10TA310	D	SPDT	On-On	3.30	2.75	2.50	2.27	For
10TA315	D	DPDT	On-On	3.96	3.30	3.00	2.73	Quote

ULTRA MINIATURE SEALED TOGGLE SWITCHES

Specifications:

- Rating: 0.4VA, 28VAC or DC
- Contact resistance: 50mΩ (max)
- Insulation resistance: 1000MΩ (min)
- Operating temperature: -20°C to +80°C
- Operating Life: 100,000 cycles

Features:

- Metal and plastic levers available
- Easily installed on crowded PC boards
- Ultra miniature and light weight
- Water resistant and dust proof
- Solderable at 270°C within 5 seconds or 350° within 3 seconds

Standard Metal Lever

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each				
				1	10	100	500	1000
PC Terminals								Call
108-MS200A-11	E	SPDT	On-On	6.25	5.21	4.74	4.27	For
108-MS200C-11	E	SPDT	On-Off-On	6.30	5.25	4.78	4.34	Quote
108-MS200F-11	E	DPDT	On-On	7.51	6.26	5.69	5.18	
108-MS200H-11	E	DPDT	On-Off-On	7.80	6.51	5.91	5.37	
Right Angle PC								
108-MS200A-21	F	SPDT	On-On	6.73	5.62	5.10	4.64	Call
108-MS200C-21	F	SPDT	On-Off-On	6.84	5.70	5.18	4.70	For
108-MS200F-21	F	DPDT	On-On	8.43	7.02	6.39	5.81	Quote
108-MS200H-21	F	DPDT	On-Off-On	8.76	7.24	6.58	5.98	
PC Terminals with mounting bracket								
108-MS200A-31	G	SPDT	On-On	6.55	5.55	4.96	4.52	
108-MS200C-31	G	SPDT	On-Off-On	6.70	5.57	5.07	4.61	Call
108-MS200F-31	G	DPDT	On-On	7.90	6.58	5.98	5.44	For
108-MS200H-31	G	DPDT	On-Off-On	8.12	6.78	6.16	5.61	Quote

Black Insulated Baton Lever

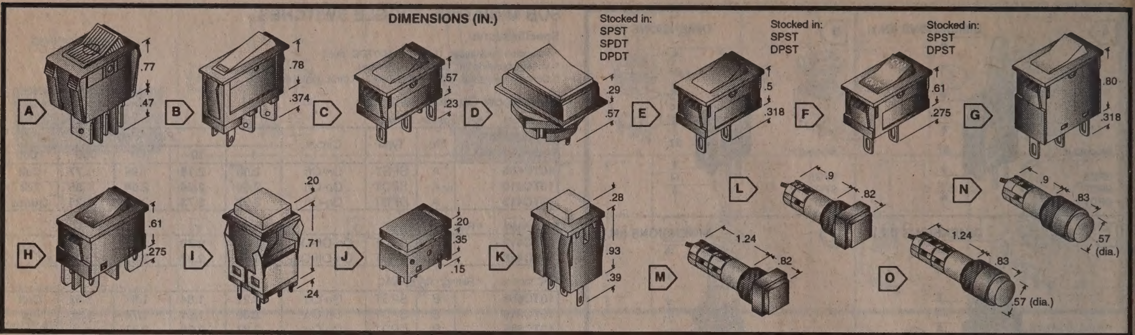
PC Terminals								Call
108-MS200A-12	H	SPDT	On-On	4.51	3.76	3.42	3.11	For
108-MS200C-12	H	SPDT	On-Off-On	4.63	3.86	3.51	3.18	Quote
108-MS200F-12	H	DPDT	On-On	6.60	5.50	5.00	4.55	
108-MS200H-12	H	DPDT	On-Off-On	6.85	5.71	5.19	4.72	
Right Angle PC								
108-MS200A-22	I	SPDT	On-On	4.94	4.13	3.75	3.41	Call
108-MS200C-22	I	SPDT	On-Off-On	6.06	5.05	4.59	4.18	For
108-MS200F-22	I	DPDT	On-On	7.49	6.25	5.68	5.16	Quote
108-MS200H-22	I	DPDT	On-Off-On	7.79	6.49	5.90	5.36	
PC Terminals with mounting bracket								
108-MS200A-32	J	SPDT	On-On	4.51	3.76	3.42	3.11	
108-MS200C-32	J	SPDT	On-Off-On	5.52	4.60	4.18	3.80	Call
108-MS200F-32	J	DPDT	On-On	6.65	5.54	5.04	4.58	For
108-MS200H-32	J	DPDT	On-Off-On	6.85	5.71	5.19	4.72	Quote

MINIATURE SNAP SWITCHES (SPDT)

MOUSER STOCK NO.	Fig.	Amp Rating		Oper. Force (GMS.)	PRE Travel (In.)	Price Each				
		@ 125 VAC	@ 250 VAC			1	10	100	500	1000
101-1012	K	5A	3A	150	.02	1.47	1.26	.99	.90	
101-1013	L	- - -	3A	50	.50	1.62	1.45	1.09	.96	Call
101-1001	M	10A	6A	170	.05	1.55	1.29	1.16	1.05	For
101-1002	N	10A	6A	170	.12	1.86	1.55	1.33	1.21	Quote
101-1003	O	10A	6A	140	.12	1.90	1.58	1.44	1.32	

Mountain Switch

Push Button and Rocker Switches



ILLUMINATED ROCKER SWITCHES

- SPST
- Black switch body
- Solder terminals
- 2VDC LED (included), except on Fig. A 10DS322. 10DS322 has a 110VAC neon lamp with internal dropping resistor

* E43907 LR26920

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit	Rating (AC)	Button Color	Dim. (In.)		Mtg. Hole (In.)	Price Each		
					L	W		1	10	100
* 10DS322	A	On-off	15A 125V	Amber	1.26	.63	1.12x.47	5.77	4.81	4.37
10DS413	B	On-off	10A 125V	White LED	1.28	.42	1.27x.433	5.95	4.96	4.51
* 107-DS850K-0R	C	On-off	5A 125V	Red LED	.83	.59	.51x.76	4.01	3.34	3.04
* 107-DS850K-0G	C	On-off	5A 125V	Grn LED	.83	.59	.51x.76	4.01	3.34	3.04
* 107-DS850K-0Y	C	On-off	5A 125V	Yel LED	.83	.59	.51x.76	4.01	3.34	3.04

ROCKER SWITCHES

- Insulation resistance: 100MΩ min. @ 500VDC
- Contact resistance: 20mΩ @ 1A 2.5VDC
- Breakdown voltage: 1500VAC for 1 minute
- Thread pitch: M18 x 1 (Fig.s D & E)
- Frame color: black, except where noted by a cross (†) is gold

* E43907 LR26920

Solder Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Rating (AC)	Button Color	Dim. (In.)		Mtg. Hole(In.) ± .01	Price Each		
						L	W		1	10	100
10DS388	E	SPST	On-off	6A 125V	White	1.18	.79	.71	3.05	2.54	2.31
10DS389	E	SPDT	On-on	6A 125V	White	1.18	.79	.71	3.66	3.05	2.77
10DS390	E	DPDT	On-on	6A 125V	White	1.18	.79	.71	5.02	4.18	3.80
107-DS850K-00	F	SPST	On-off	5A 125V	Black	.83	.59	.76x.51	2.09	1.74	1.58
* 107-DS850K-01	F	SPST	On-off	5A 125V	Wht dot	.83	.59	.76x.51	2.09	1.74	1.58
* 107-DS850K-02	G	SPST	On-off	5A 125V	On-off	.83	.59	.75x.51	2.22	1.85	1.68
* 107-DS850A-00	H	SPDT	On-on	5A 125V	Black	.83	.59	.75x.51	3.41	2.84	2.59

.187" Faston Terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Rating (AC)	Button Color	Dim. (In.)		Mtg. Hole(In.) ± .01	Price Each		
						L	W		1	10	100
107-DS850S-20	F	DPST	On-off	10A/250V	Black	.83	.59	.76x.51	3.92	3.27	2.97
107-DS850S-21	F	DPST	On-off	10A/250V	Wh dot	.83	.59	.76x.51	3.92	3.27	2.97
107-DS850S-22	G	DPST	On-off	10A/250V	On-off	.83	.59	.75x.51	3.92	3.27	2.97
107-DS850S-23	I	DPST	On-off	10A/250V	I/O	.83	.59	.75x.51	3.92	3.27	2.97

MINIATURE ILLUMINATED PUSH BUTTON SWITCHES

- Standard with 12V lamp or 2.0V LED (included)
- Contact resistance: 20mΩ (max.)
- Rated: 0.1a / 30VDC
- Circuit: SPDT

( ) = Momentary Contact

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit	Illuminated			Dim. (In.)		Mtg. Hole (In.)	Price Each		
			Type	Volts	Button	L	W		1	10	100
107-MS800ELR	J	On-on	LED	2V	Red	.55	.55	.50 x .50	7.19	5.99	5.44
107-MS800ELG	J	On-on	LED	2V	Green	.55	.55	.50 x .50	7.19	5.99	5.44
107-MS800ELY	J	On-on	LED	2V	Yellow	.55	.55	.50 x .50	8.76	7.30	6.63
107-MS800EFR	J	On-on	Lamp	12V	Red	.55	.55	.50 x .50	8.17	6.81	6.19
107-MS800EFG	J	On-on	Lamp	12V	Green	.55	.55	.50 x .50	8.17	6.81	6.19
107-MS800EFY	J	On-on	Lamp	12V	Yellow	.55	.55	.50 x .50	8.17	6.81	6.19
107-MS800FLR	J	On-(on)	LED	2V	Red	.55	.55	.50 x .50	6.32	5.27	4.79
107-MS800FLG	J	On-(on)	LED	2V	Green	.55	.55	.50 x .50	6.32	5.27	4.79
107-MS800FLY	J	On-(on)	LED	2V	Yellow	.55	.55	.50 x .50	6.32	5.27	4.79
107-MS800FFR	J	On-(on)	Lamp	12V	Red	.55	.55	.50 x .50	7.74	6.50	5.86
107-MS800FFG	J	On-(on)	Lamp	12V	Green	.55	.55	.50 x .50	7.74	6.50	5.86
107-MS800FFY	J	On-(on)	Lamp	12V	Yellow	.55	.55	.50 x .50	7.74	6.50	5.86

- LED reverse voltage: 4V
- LED forward voltage (IF=20mA): 2.1V
- LED forward current: 25mA
- LED included
- Circuit: SPST
- Rating: 1A / 125VDC
- PC terminals

( ) = Momentary Contact

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit	LED Color	Button Color	Dimensions (In.)		Price Each		
					L	W	1	10	100
107-6610	K	Off-(on)	Red	Black	.61	.39	3.18	2.65	2.41
107-6611	K	Off-(on)	Red	Gray	.61	.39	3.18	2.65	2.41
107-6612	K	Off-(on)	Green	Black	.61	.39	3.18	2.65	2.41
107-6613	K	Off-(on)	Green	Gray	.61	.39	3.18	2.65	2.41
107-6614	K	Off-(on)	Yellow	Black	.61	.39	3.18	2.65	2.41
107-6615	K	Off-(on)	Yellow	Gray	.61	.39	3.18	2.65	2.41

ILLUMINATED PUSH BUTTON SWITCHES

- Supplied with 6.3V T1-3/4 screw base lamp
- Snap-in mounting
- Lamp wired separately from switch contacts
- Rating: 1A @ 125V

( ) = Momentary Contact

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Button Color	Dim. (In.)		Mtg. Hole (In.)	Price Each		
					L	W		1	10	100
10PL001	L	SPST	Off-(on)	Red	.82	.82	.71 x .71	4.70	3.92	3.56
10PL002	L	SPST	Off-(on)	Green	.82	.82	.71 x .71	4.70	3.92	3.56
10PL003	L	SPST	Off-(on)	Yellow	.82	.82	.71 x .71	4.70	3.92	3.56
10PL004	L	SPST	Off-(on)	Blue	.82	.82	.71 x .71	4.70	3.92	3.56
10PL005	L	SPST	Off-(on)	White	.82	.82	.71 x .71	4.70	3.92	3.56

HI-REL LED ILLUMINATED PUSH BUTTON SWITCHES

- Instrument grade
- Rating: 1A / 250VAC, 3A / 125VAC
- Contact resistance: 10mΩ (max.)
- 2 VDC LED (included)
- Electrical life: 50,000 operations
- Thread pitch: M18 x 1 (Figures M and P)

Square

( ) = Momentary Contact

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Button Color	Dim. (In.)		Mtg. Hole (In.)	Price Each		
					L	W		1	10	100
10PL051	M	SPDT	On-on	Red	.57	.57	.43	17.30	15.73	14.30
10PL053	M	SPDT	On-on	Yellow	.57	.57	.43	18.47	16.79	15.26
10PL056	M	SPDT	On-on	Green	.57	.57	.43	17.30	15.73	14.30
10PL061	N	DPDT	On-on	Red	.57	.57	.43	20.15	16.79	15.26
10PL063	N	DPDT	On-on	Yellow	.57	.57	.43	17.30	15.73	14.30
10PL066	N	DPDT	On-on	Green	.57	.57	.43	20.15	16.79	15.26
10PL071	M	SPDT	On-(on)	Red	.57	.57	.43	12.98	10.82	9.83
10PL073	M	SPDT	On-(on)	Yellow	.57	.57	.43	12.98	10.82	9.83
10PL076	M	SPDT	On-(on)	Green	.57	.57	.43	11.89	10.81	9.83
10PL091	N	DPDT	On-(on)	Red	.57	.57	.43	16.53	15.03	13.66
10PL093	N	DPDT	On-(on)	Yellow	.57	.57	.43	16.53	15.03	13.66
10PL096	N	DPDT	On-(on)	Green	.57	.57	.43	16.53	15.03	13.66

Round

( ) = Momentary Contact

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Button Color	Mtg. Hole (In.)	Price Each		
						1	10	100
10PL011	O	SPDT	On-on	Red	.43	13.39	12.17	11.06
10PL013	O	SPDT	On-on	Yellow	.43	13.39	12.17	11.06
10PL016	O	SPDT	On-on	Green	.43	13.39	12.17	11.06
10PL021	P	DPDT	On-on	Red	.43	18.47	16.79	15.26
10PL023	P	DPDT	On-on	Yellow	.43	18.47	16.79	15.26
10PL026	P	DPDT	On-on	Green	.43	18.47	16.79	15.26
10PL031	O	SPDT	On-(on)	Red	.43	12.05	16.79	9.96
10PL033	O	SPDT	On-(on)	Yellow	.43	12.05	10.96	9.96
10PL036	O	SPDT	On-(on)	Green	.43	12.05	10.96	9.96
10PL041	P	DPDT	On-(on)	Red	.43	16.52	15.02	13.65
10PL043	P	DPDT	On-(on)	Yellow	.43	16.52	15.02	13.65
10PL046	P	DPDT	On-(on)	Green	.43	16.52	15.02	13.65

REPLACEMENT LAMPS AND LEDS

These lamps and LEDs are replacements for lamps and LEDs in MS-800 and 10PL Series switches.

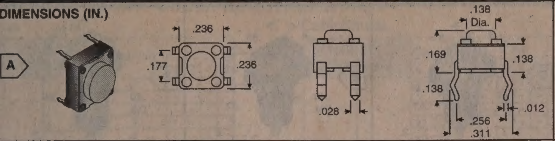
MOUSER STOCK NO.	Button Color	Color	Type	Price Each			
				1	10	100	500
352-6121	107MS800	- - -	6V filament	2.66	2.21	2.01	Call For Quote
352-6141	107MS800	- - -	12V filament	2.46	2.05	1.86	
352-6161	107MS800	- - -	28V filament	2.37	1.97	1.79	
351-1611	107MS800	Red	LED	1.04	.80	.73	
351-1621	107MS800	Green	LED	1.12	.86	.79	
351-1631	107MS800	Yellow	LED	1.12	.86	.79	
351-1511	10PL	Red	LED	2.28	1.90	1.73	
351-1521	10PL	Green	LED	2.50	2.08	1.90	
351-1531	10PL	Yellow	LED	2.50	2.08	1.90	

Quick Mount Replacement Tools

MOUSER STOCK NO.	Description	Price Each			
		1	10	100	500
382-0100	Replacement lamp tool	.16	.08	.07	Call
382-0101	Replacement LED tool	.35	.25	.23	

Push Button and Keypad Switches

DIMENSIONS (IN.)



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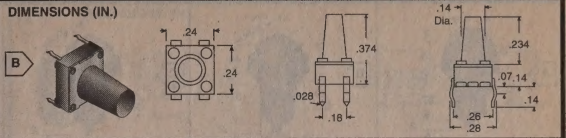

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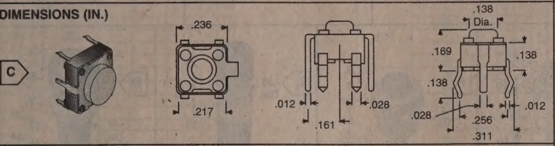

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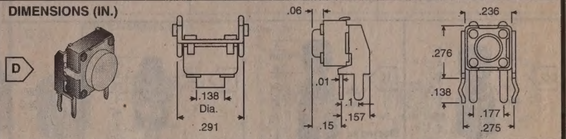

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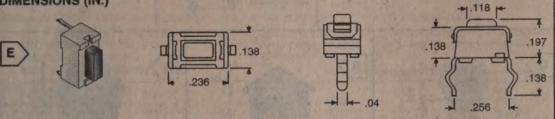

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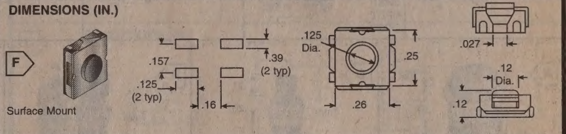


Surface Mount

MEC MICROMINIATURE KEYPAD SWITCHES

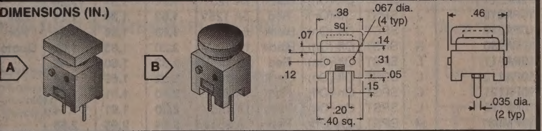
◆ Surface Mount

Push stroke: 0.25±1mm • Contact resistance: 100mΩ max. • Breakdown voltage: 250VAC, 1 minute • Momentary on • Sealed for washing • PC and surface mount versions • Suitable for flow and reflow soldering • All SPST

MOUSER STOCK NO.	Fig.	Power Rating (VDC)	Insulation Resistance (MΩ min.)	Contact Bounce	Operating Force (gf)	Operating Life Cycles (min.)	Operating Temp Range (°C)	Price Each				
								1	10	100	500	1000
01-0010	A	24V, 50mA	100 @ 100VDC	5m sec. max.	100	100,000	-25 to +70	.23	.18	.16	.14	Call For Quote
01-0011	B	24V, 50mA	100 @ 100VDC	5m sec. max.	160	100,000	-25 to +70	.29	.20	.18	.16	
01-0012	C	24V, 50mA	100 @ 100VDC	5m sec. max.	100	100,000	-25 to +70	.25	.19	.17	.16	
01-0013	D	24V, 50mA	100 @ 100VDC	5m sec. max.	100	100,000	-25 to +70	.29	.24	.22	.20	
01-0014	E	16V, 20mA	100 @ 100VDC	5m sec. max.	180	50,000	-20 to +70	.41	.32	.25	.23	
01-0015	F	15V, 20mA	50 @ 100VDC	3m sec. max. (on), 10m sec. max. (off)	130	100,000	-20 to +70	.71	.58	.53	- - -	

MOUSER STOCK NO.	Fig.	Power Rating (VDC)	Insulation Resistance (MΩ min.)	Contact Bounce	Operating Force (gf)	Operating Life Cycles (min.)	Operating Temp Range (°C)	Price Per Reel of 500
01-0015/REEL	F	15V, 20mA	50 @ 100VDC	3m sec. max. (on), 10m sec. max. (off)	130	100,000	-20 to +70	240.00

DIMENSIONS (IN.)



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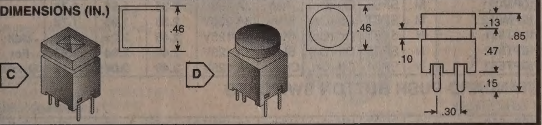
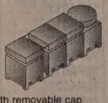


Mountain Switch
MIDGET PUSH BUTTON SWITCHES



Modular Combination

Specifications:

- Rating: 1A @ 125VAC
- Insulation resistance: 100MΩ (min.)
- Breakdown voltage: 1000VAC for one minute
- Contact resistance: 20mΩ (max.)
- Reliability: 50,000 mechanical operations, 30,000 electrical operations
- PC terminals

Features:

- Quality switch with removable cap
- Tactile or soft touch
- Individual switches can be "snapped" together to make an unlimited combination of switch packages.

quare Tactile Touch Type

( ) = Momentary Contact

MOUSER STOCK NO.	Fig.	Circuit	Button Color	Price Each			
				1	10	100	500
0KB031	A	Off-(On)	Red	1.73	1.44	1.31	Call
0KB032	A	Off-(On)	Black	1.73	1.44	1.31	For
0KB035	A	Off-(On)	White	1.73	1.44	1.31	Quote

quare Soft Touch Type

( ) = Momentary Contact

0KB041	A	Off-(On)	Red	1.66	1.38	1.25	Call
0KB042	A	Off-(On)	Black	1.66	1.38	1.25	For
0KB045	A	Off-(On)	White	1.66	1.38	1.25	Quote

ound Tactile Touch Type

( ) = Momentary Contact

0KB011	B	Off-(On)	Red	1.73	1.44	1.31	Call
0KB012	B	Off-(On)	Black	1.73	1.44	1.31	For
0KB015	B	Off-(On)	White	1.73	1.44	1.31	Quote

ound Soft Touch Type

( ) = Momentary Contact

0KB021	B	Off-(On)	Red	1.66	1.38	1.25	Call
0KB022	B	Off-(On)	Black	1.66	1.38	1.25	For
0KB025	B	Off-(On)	White	1.66	1.38	1.25	Quote

Mountain Switch
ILLUMINATED AND NON-ILLUMINATED MIDGET PC MOUNT PUSH BUTTON SWITCHES

Specifications:

- Rating: 3A @ 125VAC
- Insulation resistance: 100MΩ (min.) @ 500VDC
- Breakdown voltage: 1000VAC for one minute
- Contact resistance: 20mΩ (max.) @ 1A/2.5VDC
- Mechanical life: 50,000 operations

Features:

- Quality switch
- Removable cap
- Illuminated button colors: red, green, and yellow
- Non-illuminated button colors: red, black, and white
- Available with round or square caps

Square Non-Illuminated Switches

( ) = Momentary Contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Color	Price Each				
					1	10	100	500	1000
107-DS662-3RED	C	SPST	Off-On	Red	4.52	3.77	3.43	3.12	Call For Quote
107-DS662-3BLK	C	SPST	Off-On	Black	4.52	3.77	3.43	3.12	
107-DS662-3WHT	C	SPST	Off-On	White	4.52	3.77	3.43	3.12	
107-DS662-7RED	C	SPST	Off-(On)	Red	4.07	3.39	3.08	2.89	
107-DS662-7BLK	C	SPST	Off-(On)	Black	4.07	3.39	3.08	2.89	
107-DS662-7WHT	C	SPST	Off-(On)	White	4.07	3.39	3.08	2.89	

Square Illuminated Switches

2VDC LED luminous intensity @ 100µA (mcd): red 8.0 (typ.), green 8.0 (typ.), and yellow 4.0 (typ.)

( ) = Momentary Contact

107-DS662-4RED	C	SPST	Off-On	Red	6.23	5.19	4.72	4.29	Call For Quote
107-DS662-4GRN	C	SPST	Off-On	Green	6.23	5.19	4.72	4.29	
107-DS662-4YEL	C	SPST	Off-On	Yellow	6.23	5.19	4.72	4.29	
107-DS662-8RED	C	SPST	Off-(On)	Red	5.53	4.61	4.19	3.81	
107-DS662-8GRN	C	SPST	Off-(On)	Green	5.53	4.61	4.19	3.81	
107-DS662-8YEL	C	SPST	Off-(On)	Yellow	5.53	4.61	4.19	3.81	

Round Non-Illuminated Switches

( ) = Momentary Contact

107-DS662-1RED	D	SPST	Off-On	Red	4.52	3.77	3.43	3.12	Call For Quote
107-DS662-1BLK	D	SPST	Off-On	Black	4.52	3.77	3.43	3.12	
107-DS662-1WHT	D	SPST	Off-On	White	4.52	3.77	3.43	3.12	
107-DS662-5RED	D	SPST	Off-(On)	Red	4.07	3.39	3.08	2.89	
107-DS662-5BLK	D	SPST	Off-(On)	Black	4.07	3.39	3.08	2.89	
107-DS662-5WHT	D	SPST	Off-(On)	White	4.07	3.39	3.08	2.89	

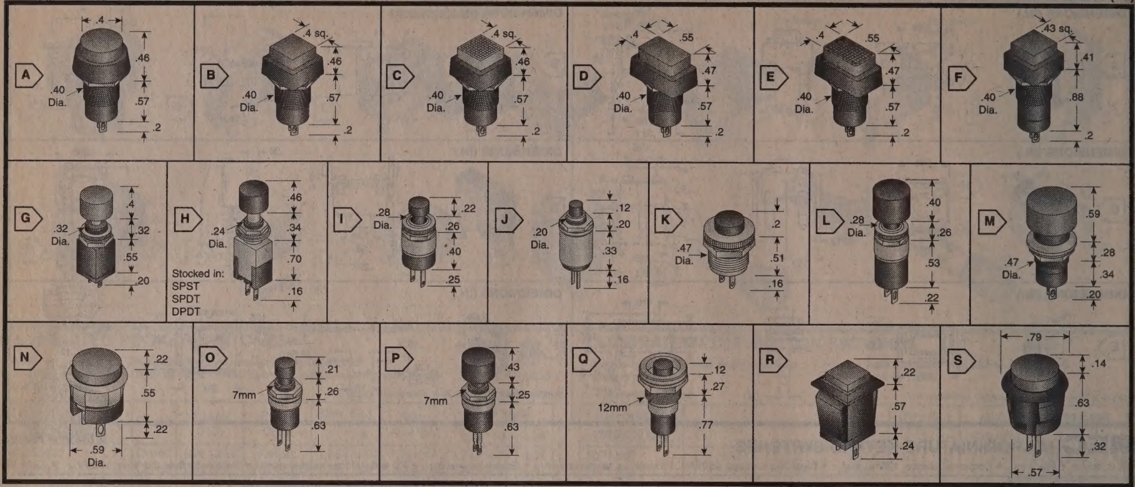
Round Illuminated Switches

( ) = Momentary Contact

107-DS662-2RED	D	SPST	Off-On	Red	6.23	5.19	4.72	4.29	Call For Quote
107-DS662-2GRN	D	SPST	Off-On	Green	6.23	5.19	4.72	4.29	
107-DS662-2YEL	D	SPST	Off-On	Yellow	6.23	5.19	4.72	4.29	
107-DS662-6RED	D	SPST	Off-(On)	Red	5.53	4.61	4.19	3.81	
107-DS662-6GRN	D	SPST	Off-(On)	Green	5.53	4.61	4.19	3.81	
107-DS662-6YEL	D	SPST	Off-(On)	Yellow	5.53	4.61	4.19	3.81	

Mountain Switch HI-REL Push Button Switches

DIMENSIONS (IN.)



SOFT TOUCH MINIATURE SWITCHES

Quality long-life switches feature soft touch pushbutton. Assorted button colors and frames. Metal buttons are aluminum and all others are molded plastic. Two types, available; alternate on-off and momentary on.

Push On-Push Off and Push On

- Mechanical life: 100,000 operations
- Electrical life: 50,000 operations
- SPST
- Rating: 3A/125VAC, 1A/250VAC
- Mounting hole: .40"

( ) Momentary contact

MOUSER STOCK NO.	Fig.	Button Color	Frame Color	Circuit	Price Each			
					1	10	100	500
10PA322	A	Red	Black	Off-(On)	2.64	2.20	2.00	Call
10PP422	A	Red	Black	On-Off	2.93	2.44	2.22	For
10PA323	A	Black	Black	Off-(On)	2.64	2.20	2.00	Quote
10PP423	A	Black	Black	On-Off	2.93	2.44	2.22	
10PA325	A	Metal	Black	Off-(On)	3.62	3.01	2.74	
10PP425	A	Metal	Black	On-Off	3.91	3.26	2.96	
10PA326	A	Metal	Metal	Off-(On)	4.60	3.83	3.48	
10PP426	A	Metal	Metal	On-Off	4.74	3.95	3.59	
10PA332	B	Red	Black	Off-(On)	2.69	2.24	2.04	
10PP432	B	Red	Black	On-Off	2.95	2.46	2.24	Call
10PA333	B	Black	Black	Off-(On)	2.69	2.24	2.04	For
10PP433	B	Black	Black	On-Off	2.95	2.46	2.24	Quote
10PA335	B	Metal	Black	Off-(On)	3.56	2.97	2.70	
10PP435	B	Metal	Black	On-Off	3.94	3.28	2.98	
10PA336	B	Metal	Metal	Off-(On)	4.65	3.87	3.52	
10PP436	B	Metal	Metal	On-Off	4.92	4.10	3.73	
10PA338	C	Notched Metal	Black	Off-(On)	3.66	3.05	2.77	
10PP438	C	Notched Metal	Black	On-Off	3.94	3.28	2.98	
10PA339	C	Notched Metal	Metal	Off-(On)	4.63	3.86	3.51	
10PP439	C	Notched Metal	Metal	On-Off	4.92	4.10	3.73	Call
10PA342	D	Red	Black	Off-(On)	2.60	2.17	1.97	For
10PP442	D	Red	Black	On-Off	2.88	2.40	2.18	Quote
10PA343	D	Black	Black	Off-(On)	2.60	2.17	1.97	
10PP443	D	Black	Black	On-Off	2.88	2.40	2.18	
10PA345	D	Metal	Black	Off-(On)	3.59	2.99	2.72	
10PP445	D	Metal	Black	On-Off	3.86	3.22	2.93	
10PA346	D	Metal	Metal	Off-(On)	4.56	3.80	3.45	
10PP446	D	Metal	Metal	On-Off	4.84	4.03	3.66	
10PA348	E	Notched Metal	Black	Off-(On)	3.58	2.98	2.71	
10PP448	E	Notched Metal	Black	On-Off	3.86	3.22	2.93	Call
10PA349	E	Notched Metal	Metal	Off-(On)	4.56	3.80	3.45	For
10PP449	E	Notched Metal	Metal	On-Off	4.84	4.03	3.66	Quote

Push On-Push Off

- Contact resistance: 10mΩ (max.)
- Insulation resistance: 1000MΩ (min.)
- Breakdown voltage: 1500VAC for one minute
- Rated: 3A/250VAC
- Long life
- 1/2" mounting hole

107-MS198-RED	F	Red	Black	On-Off	3.69	3.07	2.79	Call
107-MS198-BLK	F	Black	Black	On-Off	3.69	3.07	2.79	

STANDARD TOUCH

( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Button Color	Rating	Price Each			
						1	10	100	500
10PA201	G	SPST	Off-(On)	Red	3A 125V	2.58	2.15	1.95	Call
10PA202	G	SPST	Off-(On)	Black	3A 125V	2.58	2.15	1.95	For
10PP221	H	SPST	On-Off	Red	3A 125V	4.33	3.61	3.28	Quote
10PP222	H	SPST	On-Off	Black	3A 125V	4.33	3.61	3.28	
10PP231	H	SPDT	On-On	Red	3A 125V	4.33	3.61	3.28	
10PP232	H	SPDT	On-On	Black	3A 125V	4.33	3.61	3.28	
10PP241	H	DPDT	On-On	Red	3A 125V	5.04	4.20	3.82	
10PP242	H	DPDT	On-On	Black	3A 125V	5.04	4.20	3.82	
10PA220	I	SPST	Off-(On)	Red	1A 125V	1.64	1.37	1.24	
10PA221	I	SPST	Off-(On)	Black	1A 125V	1.64	1.37	1.24	
10PA018	J	SPST	Off-(On)	Red	.5A 125V	1.63	1.36	1.24	Call
10PA019	J	SPST	Off-(On)	Black	.5A 125V	1.63	1.36	1.24	For
10PA080	K	SPST	Off-(On)	Black	1A 125V	2.20	1.83	1.66	Quote
10PA111	L	SPST	Off-(On)	Red	1A 125V	1.92	1.60	1.45	
10PA112	L	SPST	Off-(On)	Black	1A 125V	1.92	1.60	1.45	
10PA121	L	SPST	On-(Off)	Red	1A 125V	2.30	1.91	1.74	
10PA122	L	SPST	On-(Off)	Black	1A 125V	2.30	1.91	1.74	
10PM031	M	SPST	On-Off	Red	3A 250V	3.54	2.95	2.68	
10PM021	M	SPST	Off-(On)	Red	3A 250V	2.35	1.96	1.78	
10PM022	M	SPST	Off-(On)	Black	3A 250V	2.35	1.96	1.78	
10PT561	N	SPST	Off-(On)	Red	3A 125V	2.45	2.04	1.85	Call
10PT562	N	SPST	Off-(On)	Black	3A 125V	2.45	2.04	1.85	For
10PT563	N	SPST	Off-(On)	Cream	3A 125V	2.45	2.04	1.85	Quote

STANDARD PUSH BUTTON SWITCHES

- Solder terminals

( ) Momentary contact

10PA010	O	SPST	Off-(On)	White	1A 125V	.87	.67	.60	Call
10PA011	O	SPST	Off-(On)	Green	1A 125V	.87	.67	.60	For
10PA012	O	SPST	Off-(On)	Red	1A 125V	.87	.67	.60	Quote
10PA013	O	SPST	Off-(On)	Black	1A 125V	.87	.67	.60	
10PA015	O	SPST	On-(Off)	Red	1A 125V	1.13	.87	.79	
10PA016	O	SPST	On-(Off)	Black	1A 125V	1.13	.87	.79	
10PA022	P	SPST	Off-(On)	Red	1A 125V	1.13	.87	.79	
10PA023	P	SPST	Off-(On)	Black	1A 125V	1.13	.87	.79	Call
10PA032	Q	SPST	Off-(On)	Red	1A 125V	2.38	1.98	1.80	For
10PA033	Q	SPST	Off-(On)	Black	1A 125V	2.38	1.98	1.80	Quote

MOLDED PLASTIC

- Solder terminals

( ) Momentary contact

MOUSER STOCK NO.	Fig.	Type	Circuit	Color	Rating	Price Each			
						1	10	100	500
10PA210	R	SPST	Off-(On)	Red	1A 125V	1.58	1.32	1.20	Call For Quote
10PA211	R	SPST	Off-(On)	Black	1A 125V	1.58	1.32	1.20	
10PA005	S	SPST	Off-(On)	Red	3A 125V	1.63	1.36	1.24	
107-DS412W	S	SPST	Off-(On)	White	3A 125V	1.63	1.36	1.24	

INTERNALLY FUSED PUSH BUTTON SWITCH

Specifications:

- Rating: 10A/125VAC, 4A/250VAC
- Insulation resistance: 100MΩ (min.)
- Breakdown voltage: 2000VAC
- Contact resistance: 20mΩ (max.)

Features:

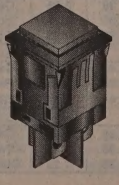
- Switch with internal fuse holder
- Snap in place mounting
- Fuse holder snaps open for easy fuse change
- No tools necessary to replace fuse

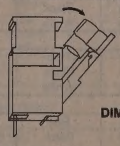
Reduced to Move!

( ) Momentary contact

MOUSER STOCK NO.	Cap Color	Type	Circuit	Price Each				
				1	10	100	500	1000
107-DS741-RD	Red	SPST	Off-On	7.56	6.29	5.73	5.21	Call
107-DS751-RD	Red	SPST	Off-(On)	7.20	5.99	5.46	4.96	

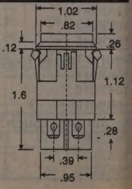
(5mm x 20mm fuse not incluced)





Internal Fuse Holder

DIMENSIONS (IN.)



INIATURE BINARY-CODED ROTARY SWITCHES

rue

MOUSER STOCK NO.		Position	Code 1	2	4	8
(A)	(B)	0				
		1	•			
		2		•		
		3	•	•		
		4			•	
		5	•		•	
		6		•	•	
		7	•	•	•	
		8				•
		9	•			•
		A		•		•
		B	•	•		•
		C			•	•
		D	•		•	•
		E		•	•	•
		F	•	•	•	•

Compliment

MOUSER STOCK NO.		Position	Code 1	2	4	8
(C)	(D)	0	•	•	•	•
		1		•	•	•
		2	•		•	•
		3			•	•
		4	•	•		•
		5		•		•
		6	•			•
		7				•
		8	•	•	•	
		9		•	•	
		A	•		•	
		B			•	
		C	•	•		
		D		•		
		E	•			
		F				

pecifications:

Rating: 50VDC @ 100mA (non-switching)
5VDC @ 100mA (switching)
Contact resistance: 100mΩ (max.)
Breakdown voltage: 250VAC
Insulation resistance: 1000MΩ (min.)

Features:

- Miniature size
- DIP mounting
- Gold-plated contacts
- O-ring flex seal
- High rel/high stability
- True and compliment output series
- BCD and hex code configuration

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Positions	Code Configuration	Price Each 1	10	25
06-MS830-10RS	A	10 (B)	True binary-coded decimal	6.80	5.67	5.15
06-MS830-10CS	A	10 (D)	Comp. binary-coded decimal	6.80	5.67	5.15
06-MS830-16RS	B	16 (A)	True binary-coded hexadecimal	7.00	5.83	5.30
06-MS830-16CS	B	16 (C)	Comp. binary-coded hexadecimal	7.00	5.83	5.30

INIATURE BINARY-CODED ROTARY SWITCHES

ontacts are gold plated for high reliability and hermetically sealed to insure protection gainst dust, gas, and most cleaning solvents.

pecifications:

Rating: 50VDC @ 100mA (non-switching)
5VDC @ 100mA (switching)
Contact resistance: 100mΩ (max.)

- Operating temperature: -25°C to 70°C
- Insulation resistance: 100MΩ (min.)
- Hermetically sealed switches

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Positions	Code Configuration	Price Each 1	10	50
06-V110	C	10 (B)	True binary-coded decimal	7.27	6.06	5.51
06-V120	C	10 (D)	Comp. binary-coded decimal	7.27	6.06	5.51
06-V610	D	16 (A)	True binary-coded hexadecimal	7.27	6.06	5.51
06-V620	D	16 (C)	Comp. binary-coded hexadecimal	7.27	6.06	5.51

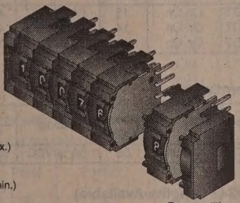
INIATURE THUMBWHEEL SWITCH

eatures:

PC mounting
True output
Black color

lectrical Specifications:

Rating: switching load capacity
28V/50mA DC (resistive load)
Continuous current: 100mA (max.)
Contact resistance: (initial):
250mΩ (max.)
Insulation resistance: 100MΩ (min.)
Breakdown voltage: 250VAC



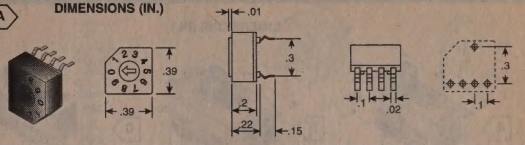
Truth Table

Dial	Terminal Connected to Common 8	4	2	1
0				
1				•
2			•	
3			•	•
4		•		
5		•		•
6		•	•	
7		•	•	•
8	•			
9	•			•

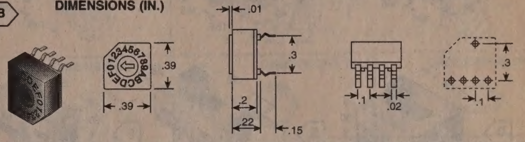
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	100
106-9801	E	Single section, decimal switch	5.76	4.80	4.36
106-9802	F	Flush mount end plate, left	.68	.52	.47
106-9803	G	Flush mount end plate, right	.68	.52	.47
106-9804	H	Rear mount end plate, left	.68	.52	.47
106-9805	I	Rear mount end plate, right	.68	.52	.47

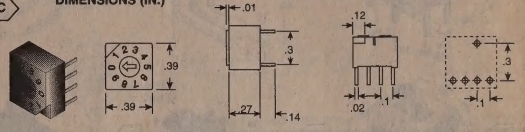
A DIMENSIONS (IN.)



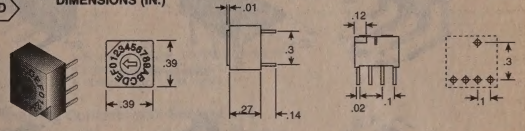
B DIMENSIONS (IN.)



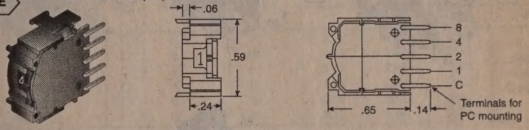
C DIMENSIONS (IN.)



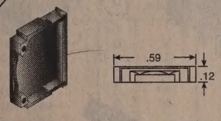
D DIMENSIONS (IN.)



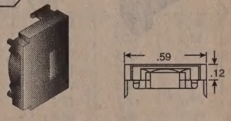
E DIMENSIONS (IN.)



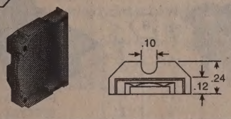
F DIMENSIONS (IN.)



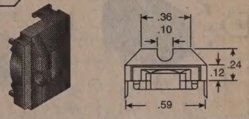
G DIMENSIONS (IN.)



H DIMENSIONS (IN.)



I DIMENSIONS (IN.)



EXADECIMAL PUSHWHEEL SWITCH AND ACCESSORIES

echanical Specifications:

Mechanical life: 200,000 operations
Electrical life: 100,000 operations
Operating temperature: -20°C to +65°C

eatures:

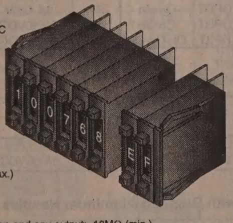
Pushwheel actuation
Front mounting
Hexadecimal switch
Snap fit, connects and mounts easily without rods or nuts
Easy to read numbers
Termination: PCB with solder holes

lectrical Specifications:

Operating voltage: 50VAC/28VDC (max.)
Switching current: 100mA (max.)
Carrying current: 1A (max.)
Contact resistance: 200mΩ (max.)
Insulation resistance: between common and any output: 10MΩ (min.)
between output and non-carrying part: 1000MΩ (min.)
Breakdown voltage (for 1 minute): between common and any output: 800VAC
between output and non-carrying part: 1000VAC

aterial:

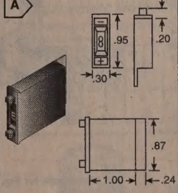
Housing, blanks, endcaps, wheels, and pushwheel: black thermoplastic
Contacts: hard gold on phosphor bronze
Printed circuit boards: hard gold over nickel plate on .031" epoxy laminate



Truth Table

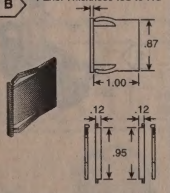
Wheel	C Connected to Terminals 1	2	4	8	C
0					•
1	•				•
2		•			•
3	•	•			•
4			•		•
5	•		•		•
6		•	•		•
7	•	•	•		•
8				•	•
9	•			•	•
A		•		•	•
B	•	•		•	•
C			•	•	•
D	•		•	•	•
E		•	•	•	•
F	•	•	•	•	•

A



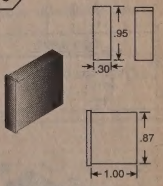
DIMENSIONS (IN.)

B Panel Thickness .03 to .13



DIMENSIONS (IN.)

C



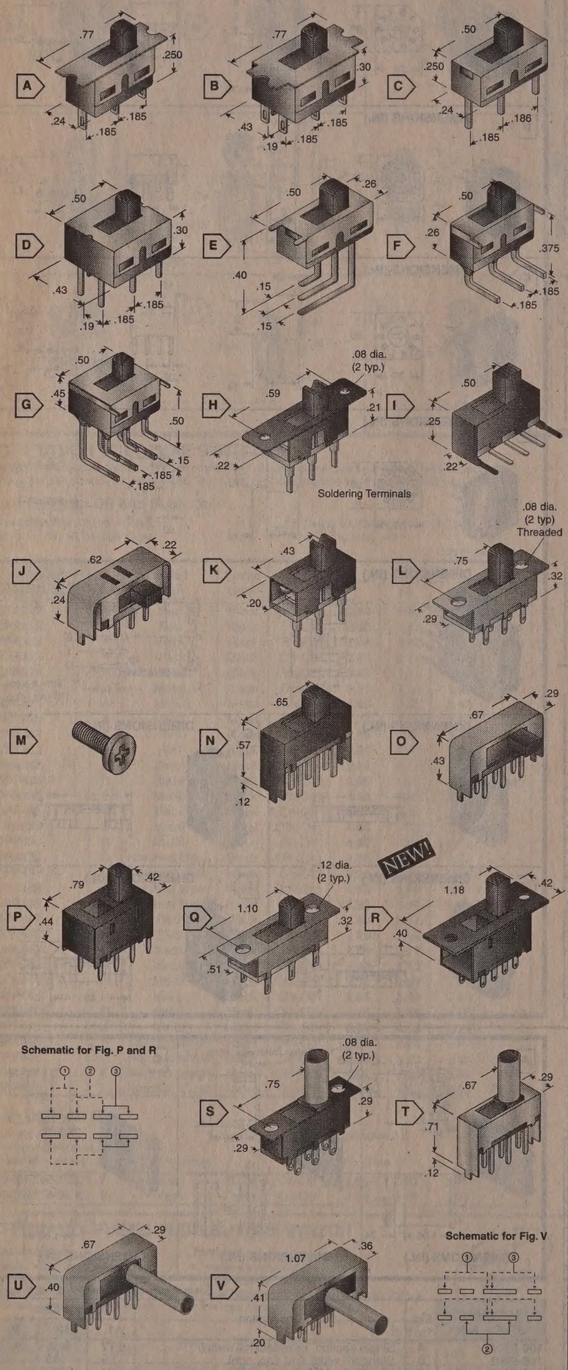
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	50
106-9904	A	Single section, hexadecimal switch	6.77	6.15	5.59
106-9901	B	Standard width end cap, right	.69	.55	.48
106-9902	B	Standard width end cap, left	.69	.55	.48
106-9903	C	Standard width blank	1.43	1.19	1.09

Slide Switches

DIMENSIONS (IN.)



A
.77
.250
.24
.185
.185
B
.77
.30
.43
.19
.185
.185
C
.50
.250
.24
.186
.185
D
.50
.30
.43
.19
.185
.185
E
.50
.26
.40
.15
.15
F
.50
.26
.375
.185
.185
G
.50
.45
.50
.15
.185
.185
H
.08 dia.
(2 typ.)
.59
.21
.22
Soldering Terminals
I
.50
.25
.22
J
.62
.22
.24
K
.43
.20
L
.08 dia.
(2 typ)
Threaded
.75
.32
.29
M
N
.65
.57
.12
O
.67
.29
.43
NEW!
P
.79
.42
.44
Q
.12 dia.
(2 typ.)
1.10
.32
.51
R
1.18
.42
.40
Schematic for Fig. P and R
①
②
③
S
.08 dia.
(2 typ.)
.75
.29
.29
T
.67
.29
.71
.12
U
.67
.29
.40
V
1.07
.36
.41
.20
Schematic for Fig. V
①
③
②

MINIATURE SLIDE SWITCHES

Electrical Specifications:

- Contact rating: 6A @ 120VAC or 28VDC
  2A @ 250VAC
- Contact resistance: 10mΩ max.
- Electrical life: 30,000 cycles
- Insulation resistance: 1000MΩ min.
- Operating temperature: -30°C to +85°C

Material Specifications:

- Case: Diallyl Phthalate (DAP)
- Housing: Stainless steel
- Slide handle: Nylon
- Contacts: Coin silver, silver plated
- Center contact and terminals: Brass, silver plated

Panel Mount, Solder Terminals

MOUSER STOCK NO.	Fig.	Type	Replaces C & K Part No.	Circuit	Knob Ht.	Price Each				
						1	10	100	500	1000
102-1211	A	SPDT	1101M1S3ZQE2	On-On	.20	2.49	2.17	1.82	1.65	Call
102-2211	B	DPDT	1201M1S3ZQE2	On-On	.20	3.55	2.99	2.53	2.29	

PC Mount

MOUSER STOCK NO.	Fig.	Type	Replaces C & K Part No.	Circuit	Knob Ht.	Price Each				
						1	10	100	500	1000
102-1221	C	SPDT	1101M2S3CQE2	On-On	.20	2.58	2.23	1.88	1.73	Call
102-2221	D	DPDT	1201M2S3CQE2	On-On	.20	4.69	4.09	3.43	3.16	

Vertical PC Mount

MOUSER STOCK NO.	Fig.	Type	Replaces C & K Part No.	Circuit	Knob Ht.	Price Each				
						1	10	100	500	1000
102-1271	E	SPDT	1101M2S3AV2QE2	On-On	.186	2.92	2.52	2.13	1.96	Call

Right Angle PC Mount

MOUSER STOCK NO.	Fig.	Type	Replaces C & K Part No.	Circuit	Knob Ht.	Price Each				
						1	10	100	500	1000
102-1261	F	SPDT	1101M2S3AQE2	On-On	.186	2.92	2.52	2.13	1.96	Call
102-2261	G	DPDT	1201M2S3AQE2	On-On	.186	5.78	4.92	4.17	3.79	

SLIDE SWITCHES

Sub-Miniature Solder Terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Knob Ht. (In.)	Rating	Price Each				
						1	10	100	500	1000
10SM007	H	SPDT	On-On	.16	.3A 125V	.45	.34	.31	.29	Call

Sub-Miniature PC Terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Knob Ht. (In.)	Rating	Price Each				
						1	10	100	500	1000
10SP018	I	SPDT	On-On	.15	.5A 50VDC	.48	.36	.33	.26	Call For Quote
10SP013	J	SPDT	On-On	.14	.5A 50VDC	.42	.36	.33	.31	
10SP001	K	SPDT	On-On	.15	.5A 50VDC	.34	.29	.26	.21	

Miniature Solder Terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Knob Ht. (In.)	Rating	Price Each				
						1	10	100	500	1000
10SM002	L	DPDT	On-On	.35	.5A 50VDC	.34	.26	.21	.17	Call

Screws for 10SM002 (2 Lengths Available)

MOUSER STOCK NO.	Fig.	Thread Size (mm)	Length (mm)	Price Each			
				1	100	1000	10,000
48SM004	M	M2 x 0.4	4	.04	.012	.011	Call
48SM006	M	M2 x 0.4	6	.04	.012	.011	

PC Terminals PC Terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Knob Ht. (In.)	Rating	Price Each				
						1	10	100	500	1000
10SP002	N	DPDT	On-On	.24	.3A 125V	.42	.34	.31	.28	Call For Quote
10SP004	N	DPDT	On-On	.47	.3A 125V	.42	.34	.31	.28	
10SP012	O	DPDT	On-On	.28	.5A 50VDC	.34	.31	.27	.22	
10SP015	P	DP3T	On-On-On	.36	.5A 50VDC	.69	.59	.54	.49	

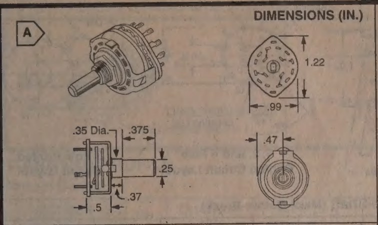
Standard Solder Terminals

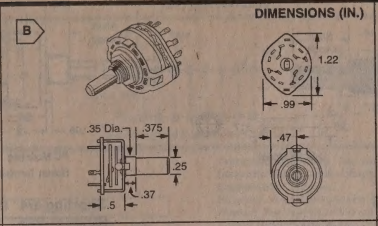
MOUSER STOCK NO.	Fig.	Type	Circuit	Knob Ht. (In.)	Rating	Price Each				
						1	10	100	500	1000
10SS002	Q	DPDT	On-On	.35	.5A 125V	.96	.71	.65	.60	Call
10SP016	R	DP3T	On-On-On	.36	.5A 50VDC	.69	.59	.54	.49	

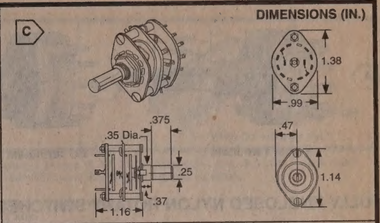
Slide Switches with Brushed Aluminum Handles

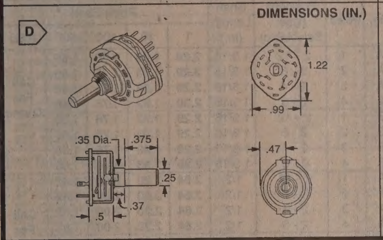
MOUSER STOCK NO.	Fig.	Type	Circuit	Knob Ht. (In.)	Rating	Price Each				
						1	10	100	500	1000
10SL001	S	DPDT	On-On	.47	.5A 50VDC	.53	.45	.41	.33	Call For Quote
10SL005	T	DPDT	On-On	.51	.5A 50VDC	.45	.39	.36	.33	
10SL009	U	DPDT	On-On	.59	.5A 50VDC	.50	.40	.36	.29	
10SL008	V	DP3T	On-On-On	.59	.5A 50VDC	.88	.70	.64	.41	

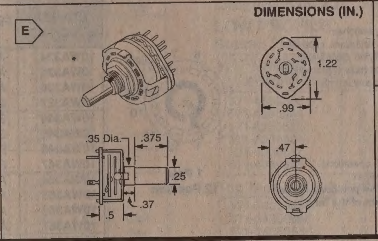
Rotary Switches

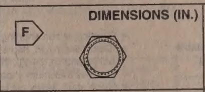


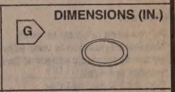


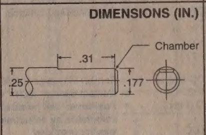




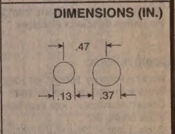








"D"Shaft for Figures B and E Only



Mounting Holes for all Figures

ROTARY SWITCHES

Features:

- Commercial, consumer, and industrial applications
- Solid brass bushings, solid aluminum shafts plated frame, phenolic contact wafer
- Supplied with nut and washer

Specifications:

- Contact rating: 0.3 amps @ 125VAC
- Insulation resistance: 10M Ω (min.)
- Contact resistance: 30m Ω (max.)
- Breakdown voltage: 500VAC for 60 seconds
- Rotational torque: 1 to 3Kg/Cm
- Rotational life: 10,000 cycles

Shorting Contacts with Solder Lugs

(Make before break) • Round shaft 1/4" diameter

MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each			
				1	10	100	500
10WW017	A	1	7	1.54	1.28	1.16	Call For Quote
10WW019	A	1	9	1.54	1.28	1.16	
10WW025	A	2	5	1.54	1.28	1.16	
10WW026	A	2	6	1.54	1.28	1.16	
10WW033	A	3	3	1.54	1.28	1.16	
10WW034	A	3	4	1.54	1.28	1.16	
10WW042	A	4	2	1.54	1.28	1.16	
10WW043	A	4	3	1.54	1.28	1.16	
10WW052	A	5	2	1.54	1.28	1.16	Call For Quote
10WW062	A	6	2	1.54	1.28	1.16	
10WW112	A	1	12	1.54	1.28	1.16	

Non-Shorting Contacts with Solder Lugs

(Break before Make) • Round shaft 1/4" diameter

MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each			
				1	10	100	500
10YX025	A	2	5	1.57	1.31	1.19	Call For Quote
10YX026	A	2	6	1.57	1.31	1.19	
10YX034	A	3	4	1.57	1.31	1.19	
10YX043	A	4	3	1.57	1.31	1.19	
10YX062	A	6	2	1.57	1.31	1.19	
10YX112	A	1	12	1.57	1.31	1.19	

Non-Shorting Contacts with Solder Lugs

(Break before Make) • "D" shaft 1/4" diameter

MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each			
				1	10	100	500
10YD025	B	2	5	1.67	1.40	1.28	Call For Quote
10YD026	B	2	6	1.67	1.40	1.28	
10YD034	B	3	4	1.67	1.40	1.28	
10YD043	B	4	3	1.67	1.40	1.28	
10YD062	B	6	2	1.67	1.40	1.28	
10YD112	B	1	12	1.67	1.40	1.28	

Shorting Contacts with Solder Lugs

(Make before break) • Round shaft 1/4" diameter

MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each			
				1	10	100	500
10WR027	C	2	7	3.17	2.65	2.41	Call For Quote
10WR212	C	2	12	3.17	2.65	2.41	
10WR045	C	4	5	3.17	2.65	2.41	
10WR046	C	4	6	3.17	2.65	2.41	
10WR064	C	6	4	3.17	2.65	2.41	
10WR122	C	12	2	3.17	2.65	2.41	

Non-Shorting Contacts with PCB Pins

(Break before make) • Round shaft 1/4" diameter

MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each			
				1	10	100	500
10YQ018	D	1	8	1.57	1.31	1.19	Call For Quote
10YQ025	D	2	5	1.57	1.31	1.19	
10YQ026	D	2	6	1.57	1.31	1.19	
10YQ034	D	3	4	1.57	1.31	1.19	
10YQ043	D	4	3	1.57	1.31	1.19	
10YQ062	D	6	2	1.57	1.31	1.19	Call For Quote
10YQ110	D	1	10	1.57	1.31	1.19	
10YQ112	D	1	12	1.57	1.31	1.19	

Non-Shorting Contacts with PCB Pins

(Break before make) • "D" shaft 1/4" diameter

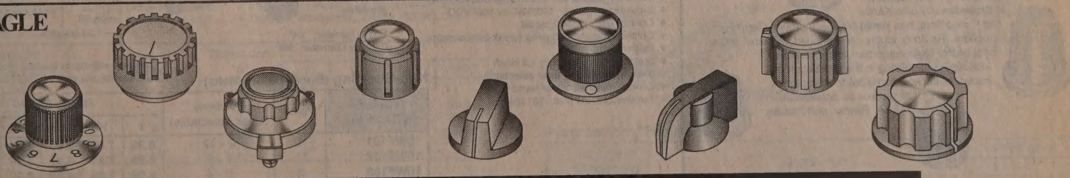
MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each			
				1	10	100	500
10YT018	E	1	8	1.52	1.27	1.16	Call For Quote
10YT025	E	2	5	1.52	1.27	1.16	
10YT034	E	3	4	1.52	1.27	1.16	
10YT043	E	4	3	1.52	1.27	1.16	

Replacement Hardware

The rotary switches listed on this page are supplied with one nut and one washer. See hardware section for more hardware.

MOUSER STOCK NO.	Fig.	Type	Size (mm)	Price Each			
				1	100	1000	10,000
48AN009	F	Nut	9	.10	.027	.025	Call
48CW009	G	Washer	9	.05	.013	.011	

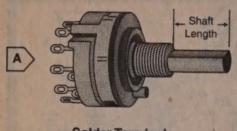
EAGLE



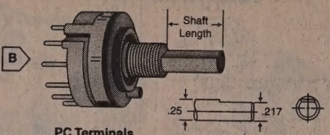
For a Complete Listing of Knobs See Page 266

Hi-Rel Adjustable Rotary Switches

DIMENSIONS (IN.)

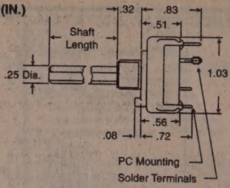


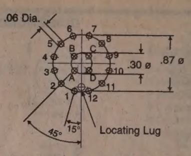
Solder Terminals



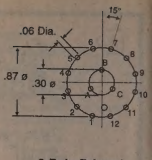
PC Terminals

D-Shaft Model





1, 2, and 4 Pole Printed Circuit Layout



3 Pole Printed Circuit Layout

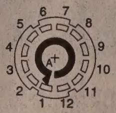
FULLY ENCLOSED NYLON ROTARY SWITCHES

Features:

- PC mounting or solder terminal
- **Number of position is user adjustable by the simple adjustment of Tang washer provided**
- Two shaft styles available
- **User selectable positions from 2 to maximum positions available**
- Shorting or non shorting switches
- Glass filled nylon, flame retardant, exceeds UL-V1 and UL 94-V0. Nylon design also provides maximum shock hazard protection
- Nylon shaft, easily cut to any length
- Fully enclosed contacts

Specifications:

- Working voltage: 300VAC or 300VDC (max.)
- Breakdown voltage: 1000V RMS @ 25°C
- Contact resistance: less than 50mΩ (max.)
- Index angle: 30°
- Contact rating: .35A @ 110VAC or DC
  .15A @ 250VAC or DC
- Contact life: over 10,000 operations
- Contact plating: .0001" silver
- **Positions: the number of positions is user selectable by adjustment of the Tang washer provided**



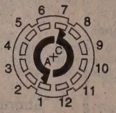
1 Pole
12 Position

Non-Shorting 1/4" D-Shaft (Break-Before-Make)

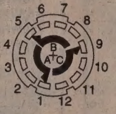
MOUSER STOCK NO.	Fig.	Poles	Positions (User Selectable)	Shaft Length (In.)	Price Each				
					1	10	100	500	1000
10WA124	A	1	2 - 12	1 3/16	2.29	1.93	1.76	1.60	Call For Quote
10WA125	A	2	2 - 6	1 3/16	2.29	1.93	1.76	1.60	
10WA126	A	3	2 - 4	1 3/16	2.29	1.93	1.76	1.60	
10WA127	A	4	2 - 3	1 3/16	2.29	1.93	1.76	1.60	
10WA144	B	1	2 - 12	1 3/16	2.29	1.93	1.76	1.60	
10WA145	B	2	2 - 6	1 3/16	2.29	1.93	1.76	1.60	
10WA146	B	3	2 - 4	1 3/16	2.29	1.93	1.76	1.60	
10WA147	B	4	2 - 3	1 3/16	2.29	1.93	1.76	1.60	
10WA164	A	1	2 - 12	1/2	2.64	2.20	2.00	1.82	Call For Quote
10WA165	A	2	2 - 6	1/2	2.64	2.20	2.00	1.82	
10WA166	A	3	2 - 4	1/2	2.64	2.20	2.00	1.82	
10WA167	A	4	2 - 3	1/2	2.64	2.20	2.00	1.82	
10WA134	B	1	2 - 12	1/2	2.64	2.20	2.00	1.82	
10WA135	B	2	2 - 6	1/2	2.64	2.20	2.00	1.82	
10WA136	B	3	2 - 4	1/2	2.64	2.20	2.00	1.82	
10WA137	B	4	2 - 3	1/2	2.64	2.20	2.00	1.82	
10WA154	A	1	2 - 12	3/8	2.64	2.20	2.00	1.82	Call For Quote
10WA155	A	2	2 - 6	3/8	2.64	2.20	2.00	1.82	
10WA156	A	3	2 - 4	3/8	2.64	2.20	2.00	1.82	
10WA157	A	4	2 - 3	3/8	2.64	2.20	2.00	1.82	
10WA174	B	1	2 - 12	3/8	2.64	2.20	2.00	1.82	
10WA175	B	2	2 - 6	3/8	2.64	2.20	2.00	1.82	
10WA176	B	3	2 - 4	3/8	2.64	2.20	2.00	1.82	
10WA177	B	4	2 - 3	3/8	2.64	2.20	2.00	1.82	

Non-Shorting 1/4" Round Shaft (Break-Before-Make)

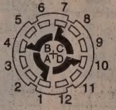
MOUSER STOCK NO.	Fig.	Poles	Positions (User Selectable)	Shaft Length (In.)	1	10	100	500	1000
105-14571	A	1	2 - 12	3/8	2.64	2.20	2.00	1.82	Call For Quote
105-14572	A	2	2 - 6	3/8	2.64	2.20	2.00	1.82	
105-14573	A	3	2 - 4	3/8	2.64	2.20	2.00	1.82	
105-14574	A	4	2 - 3	3/8	2.64	2.20	2.00	1.82	
105-2454	B	1	2 - 12	3/8	2.64	2.20	2.00	1.82	
105-2455	B	2	2 - 6	3/8	2.64	2.20	2.00	1.82	
105-2456	B	3	2 - 4	3/8	2.64	2.20	2.00	1.82	
105-2457	B	4	2 - 3	3/8	2.64	2.20	2.00	1.82	



2 Pole
6 Position



3 Pole
4 Position



4 Pole
3 Position

Shorting 1/4" D-Shaft (Make-Before-Break)

MOUSER STOCK NO.	Fig.	Poles	Positions (User Selectable)	Shaft Length (In.)	Price Each				
					1	10	100	500	1000
10WA324	A	1	2 - 12	1 3/16	2.29	1.93	1.76	1.60	Call For Quote
10WA325	A	2	2 - 6	1 3/16	2.29	1.93	1.76	1.60	
10WA326	A	3	2 - 4	1 3/16	2.29	1.93	1.76	1.60	
10WA327	A	4	2 - 3	1 3/16	2.29	1.93	1.76	1.60	
10WA344	B	1	2 - 12	1 3/16	2.29	1.93	1.76	1.60	
10WA345	B	2	2 - 6	1 3/16	2.29	1.93	1.76	1.60	
10WA346	B	3	2 - 4	1 3/16	2.29	1.93	1.76	1.60	
10WA347	B	4	2 - 3	1 3/16	2.29	1.93	1.76	1.60	
10WA364	A	1	2 - 12	1/2	2.64	2.20	2.00	1.82	Call For Quote
10WA365	A	2	2 - 6	1/2	2.64	2.20	2.00	1.82	
10WA366	A	3	2 - 4	1/2	2.64	2.20	2.00	1.82	
10WA367	A	4	2 - 3	1/2	2.64	2.20	2.00	1.82	
10WA354	A	1	2 - 12	3/8	2.64	2.20	2.00	1.82	
10WA355	A	2	2 - 6	3/8	2.64	2.20	2.00	1.82	
10WA356	A	3	2 - 4	3/8	2.64	2.20	2.00	1.82	
10WA357	A	4	2 - 3	3/8	2.64	2.20	2.00	1.82	

Shorting 1/4" Round Shaft (Make-Before-Break)

MOUSER STOCK NO.	Fig.	Poles	Positions (User Selectable)	Shaft Length (In.)	1	10	100	500	1000
105-13571	A	1	2 - 12	3/8	2.64	2.20	2.00	1.82	Call For Quote
105-13572	A	2	2 - 6	3/8	2.64	2.20	2.00	1.82	
105-13573	A	3	2 - 4	3/8	2.64	2.20	2.00	1.82	
105-13574	A	4	2 - 3	3/8	2.64	2.20	2.00	1.82	

CONTINUOUS ROTATION SWITCHES

Features:

- PC mount or solder terminals
- No stops
- Three shaft lengths available
- D-shaft (break-before-make)
- Glass filled nylon, flame retardant, exceeds UL-V1 and UL-94-V0, nylon design also provides maximum shock hazard protection

Specifications:

- Maximum working voltage: 300VAC or 300VDC (max.)
- Breakdown voltage: 1000V RMS min. @ 25°C
- Contact resistance: less than 50mΩ (max.)
- Index angle: 30°
- Contact rating: .15A @ 250V AC/DC
  .35A @ 110V AC/DC
- Contact life: over 10,000 cycles
- Contact plating: .0001" silver

Non-Shorting 1/4" D-Shaft (Break-Before-Make)

MOUSER STOCK NO.	Fig.	Poles	Positions (Max.)	Shaft Length (In.)	Price Each				
					1	10	100	500	1000
Solder Terminals									
10WC204	A	1	12	3/8	2.64	2.20	2.00	1.82	Call For Quote
10WC205	A	2	6	3/8	2.64	2.20	2.00	1.82	
10WC224	A	1	12	1/2	2.64	2.20	2.00	1.82	
10WC225	A	2	6	1/2	2.64	2.20	2.00	1.82	
10WC244	A	1	12	1 3/16	2.29	1.93	1.76	1.60	
10WC245	A	2	6	1 3/16	2.29	1.93	1.76	1.60	
PC Terminals									
10WC404	B	1	12	3/8	2.64	2.20	2.00	1.82	Call For Quote
10WC405	B	2	6	3/8	2.64	2.20	2.00	1.82	
10WC424	B	1	12	1/2	2.64	2.20	2.00	1.82	
10WC425	B	2	6	1/2	2.64	2.20	2.00	1.82	
10WC444	B	1	12	1 3/16	2.29	1.93	1.76	1.60	
10WC445	B	2	6	1 3/16	2.29	1.93	1.76	1.60	

Re'an

Push-on and Collet Control Knobs

Re án, long established as one of the worlds leading OEM suppliers of Professional Audio Knobs and Connectors, has joined Mouser's growing family of suppliers. Re án products can be found on some of the most widely used equipment in the music industry. Specializing in the production of knobs, jacks, and hardware for companies as diverse as Soundcraft, Amek, Fender, and Peavey.

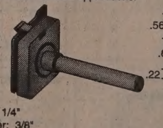
HI-REL HORIZONTAL PC MOUNTING

Housing and shaft molded of glass filled plastic to UL-V1. All contact surfaces are covered by a dust and moisture resistant plastic cover. Contact material is silver plated brass. Our unique design features adjustable stops. **The number of positions is user selectable.** This makes it easy to match desired applications.

Specifications:

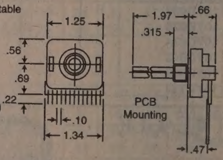
- Working voltage: 250VAC or 250VDC (max.)
- Contact rating: .5A (max.)
- Contact resistance: >50mΩ (max.)
- Insulation resistance: >500mΩ @ 500VDC (min.)
- Breakdown voltage: 1000VAC or 1000VDC
- Contact life: >20,000 cycles
- Contact type: non-shorting (break-before-make)
- Indexing angle: 30°
- Switching torque: 0.7 to 1.4 N/cm
- **Switch positions: user selectable**
- Contact material: silver plated brass
- Termination: PC pins, .10" spacing

Number of positions is user adjustable by the simple adjustment of Tang washer provided.



Shaft Diameter: 1/4"
Bushing Diameter: 3/8"

DIMENSIONS (IN.)



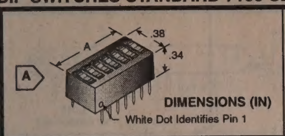
Complete with brass bushing, brass hex nut, lock washer and stop tab ring (Tang washer)

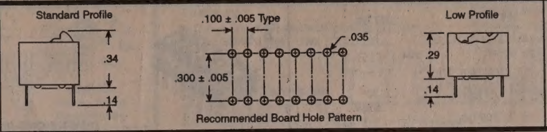
Non-Shorting (Break-Before-Make)

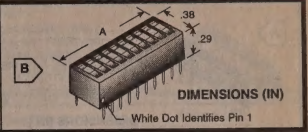
MOUSER STOCK NO.	Poles	Positions (User Selectable)	Price Each				
			1	10	100	500	1000
10WF101	1	2 - 12	8.99	7.99	6.99	5.99	Call For Quote
10WF102	2	2 - 6	8.99	7.99	6.99	5.99	
10WF103	3	2 - 4	8.99	7.99	6.99	5.99	
10WF104	4	2 - 3	8.99	7.99	6.99	5.99	

AMP DIP Switches and Shunts

DIP SWITCHES STANDARD 7100 SERIES


A
.38
.34
A
DIMENSIONS (IN)
White Dot Identifies Pin 1


Standard Profile
.34
.14
.100 ± .005 Type
.035
.300 ± .005
Recommended Board Hole Pattern
Low Profile
.29
.14


A
.38
.29
B
DIMENSIONS (IN)
White Dot Identifies Pin 1

Current/voltage rating: Non-switching-1.0A max. @ 40VDC switching-60mA max. @ 5 VDC (resistive load)
Dielectric withstanding voltage: 500VDC min. at standard atmospheric conditions
Capacitance: 5pF max.
Housing: Glass-filled polyester, UL 94V-0 rated, blue
Rocker: Polyester UL 94V-0 rated, white
Spring contacts and leads: Copper alloy with gold over nickel plating

STANDARD PROFILE

Bottom Sealed

MOUSER STOCK NO.	Fig.	Dimension "A"	No. of Positions	Price Each 1	10	50	100
571-24356409	A	.28	2	1.32	1.26	1.20	Call For Quote
571-34356400	A	.38	3	1.37	1.32	1.26	
571-4356402	A	.48	4	1.38	1.27	1.15	
571-4356403	A	.58	5	1.41	1.29	1.18	
571-4356404	A	.68	6	1.44	1.32	1.20	
571-4356401	A	.78	7	1.47	1.35	1.22	
571-4356405	A	.88	8	1.50	1.38	1.25	
571-4356406	A	.98	9	1.50	1.38	1.25	
571-4356407	A	1.08	10	1.53	1.40	1.28	
571-34356402	A	1.28	12	2.25	2.06	1.76	

Top Tape Sealed; Bottom Sealed

MOUSER STOCK NO.	Fig.	Dimension "A"	No. of Positions	Price Each 1	10	50	100
571-34356403	A	.28	2	1.41	1.30	1.18	Call For Quote
571-34356404	A	.38	3	1.42	1.31	1.19	
571-34356405	A	.48	4	1.44	1.32	1.20	
571-34356406	A	.58	5	1.47	1.35	1.22	
571-34356407	A	.68	6	1.50	1.38	1.25	
571-34356408	A	.78	7	1.53	1.40	1.28	
571-34356409	A	.88	8	1.56	1.43	1.30	
571-44356400	A	.98	9	1.59	1.46	1.32	
571-44356401	A	1.08	10	1.59	1.46	1.32	

LOW PROFILE

Bottom Sealed

MOUSER STOCK NO.	Fig.	Dimension "A"	No. of Positions	Price Each 1	10	50	100
571-4356683	B	.48	4	1.50	1.38	1.25	Call For Quote
571-4356684	B	.58	5	1.53	1.40	1.28	
571-4356685	B	.68	6	1.59	1.46	1.32	
571-4356686	B	.78	7	1.59	1.46	1.32	
571-4356687	B	.88	8	1.65	1.51	1.38	
571-4356689	B	1.08	10	1.68	1.54	1.40	

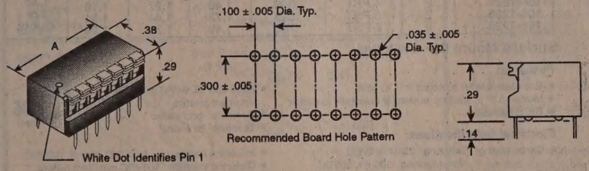
Top Tape Sealed; Bottom Sealed

MOUSER STOCK NO.	Fig.	Dimension "A"	No. of Positions	Price Each 1	10	50	100
571-34356684	B	.48	4	1.59	1.46	1.32	Call For Quote
571-34356685	B	.58	5	1.59	1.46	1.32	
571-24356685	B	.68	6	1.65	1.51	1.38	
571-24356687	B	.78	7	1.68	1.54	1.40	
571-24356688	B	.88	8	1.74	1.60	1.45	
571-24356689	B	.98	9	1.77	1.62	1.48	
571-34356680	B	1.08	10	1.86	1.65	1.52	

DIP SWITCHES PREMIUM 7000 SERIES

Current and voltage rating: Non-switching-1.0A max. @ 50VDC switching-100mA max. @ 5VDC (resistive load)
Dielectric withstanding voltage: 500 VDC min. at standard atmospheric conditions
Capacitance: 5pF max.
Housing: Glass-filled polyester, UL 94V-0 rated, blue
Rocker: Polyester UL 94V-0 rated, white
Spring contacts and leads: Beryllium copper alloy with gold over nickel plating in contact area and leads plated to meet AMP solderability specifications 109-11-5

DIMENSIONS (IN.)


A
.38
.29
.100 ± .005 Dia. Typ.
.035 ± .005 Dia. Typ.
.300 ± .005
Recommended Board Hole Pattern
.29
.14
White Dot Identifies Pin 1

Bottom Sealed

MOUSER STOCK NO.	Dimension "A"	No. of Positions	Price Each 1	10	50	100
571-14358020	.28	2	1.89	1.74	1.58	Call For Quote
571-4358022	.38	3	1.94	1.78	1.62	
571-4358023	.48	4	1.98	1.82	1.65	
571-4358024	.58	5	2.04	1.87	1.70	
571-4358025	.68	6	2.04	1.87	1.70	
571-4358026	.78	7	2.07	1.90	1.72	
571-4358021	.88	8	2.13	1.95	1.78	
571-4358027	.89	9	2.16	1.98	1.80	
571-4358028	1.08	10	2.19	2.01	1.82	

Top Tape Sealed; Bottom Sealed

MOUSER STOCK NO.	Dimension "A"	No. of Positions	Price Each 1	10	50	100
571-14358023	.28	2	2.61	2.40	2.18	Call For Quote
571-14358024	.38	3	2.66	2.44	2.22	
571-14358025	.48	4	2.10	1.93	1.75	
571-14358026	.58	5	2.13	1.95	1.78	
571-14358027	.68	6	2.16	1.98	1.80	
571-14358028	.78	7	2.19	2.01	1.82	
571-4358029	.88	8	2.22	2.04	1.85	
571-14358029	.98	9	2.28	2.09	1.90	
571-24358020	1.08	10	2.31	2.12	1.92	
571-24358022	1.28	12	3.47	3.19	2.90	

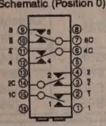
PREPROGRAMMED DIP SWITCHES

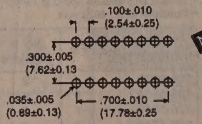
The AMP preprogrammed PC board switches feature four form"C" switches operated by encoded cams and packaged in one DIP configuration.

Specifications:

- Voltage rating: 120Vms max.
- Current rating: 1 amp max.
- Volt-amp rating: 2.8 max.
- Contact resistance: 100mΩ max.
- Life expectancy: 500 revolutions

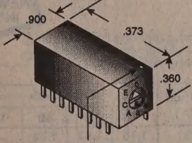
Pin Configuration Schematic (Position 0)


8
8C
4C
4
2
2C
1C
1


.100±.010
(2.54±0.25)
.300±.005
(7.62±0.13
.035±.005
(0.89±0.13)
.700±.010
(17.78±0.25

Recommended PC Board Hole Pattern

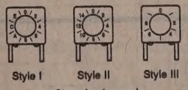
NEW!



White Dot Indicates Pin 1

DIMENSIONS (IN.)

MOUSER STOCK NO.	No. of Positions	Stamping Legend	Price Each 1	10	50	100
571-531375	16	I	6.39	5.99	5.79	Call For Quote
571-531376	16	II	6.39	5.99	5.79	
571-547921	16	I	6.67	6.24	6.03	
571-547922	16	II	6.67	6.24	6.03	
571-539192	10	III	6.39	5.99	5.79	
571-547781	10	III	6.67	6.24	6.03	


Style I
Style II
Style III

Stamping Legend

Truth Table (BCD and BCD Complement)

Switch Position	8	4	2	1	8	4	2	1
0					•	•	•	•
1				•	•	•	•	
2			•		•	•		•
3			•	•	•	•		
4		•			•		•	
5		•		•	•		•	
6		•	•		•			•
7		•	•	•	•			
8	•					•	•	•
9	•			•		•	•	
10 or A	•		•			•		•
11 or B	•		•	•		•		
12 or C	•	•					•	•
13 or D	•	•		•			•	
14 or E	•	•	•					•
15 or F	•	•	•	•				

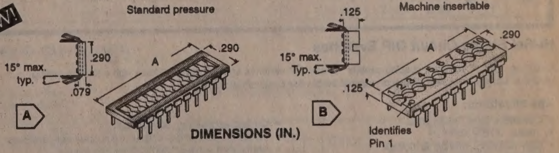
•-Connection

7600 SERIES DIP SHUNTS

NEW!

Specifications:

- Current rating per shunt: Standard pressure: 2 amps
  Machine insertable: 1 amp
- Insulation resistance: 1x10¹⁰ Ω min at 100VDC
- Dielectric withstanding voltage: 500VDC min.


Standard pressure
.290
.290
15° max. typ.
.079
A
A
DIMENSIONS (IN.)
Machine insertable
.125
.290
15° max. Typ.
.125
A
B
Identifies Pin 1

Standard Pressure

MOUSER STOCK NO.	Fig.	No. of Positions	Dimension "A"	Price Each 1	10	50	100
571-4357044	A	4	.400	.45	.41	.37	Call For Quote
571-4357047	A	7	.700	.53	.48	.44	
571-4357048	A	8	.800	.56	.51	.46	
571-4357049	A	9	.900	.59	.54	.49	
571-14357040	A	10	1.000	.62	.56	.51	
571-14357042	A	11	1.200	.67	.61	.55	

Machine Insertable

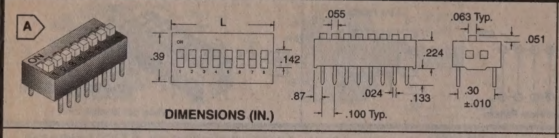
571-4368607	B	8	.800	.55	.50	.45	Call

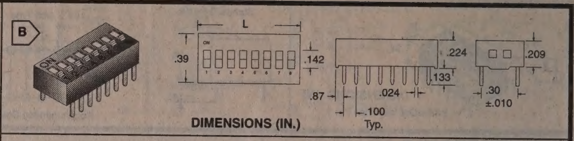
Programming Hand Tool

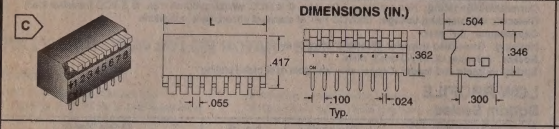
MOUSER STOCK NO.	Description	Price Each 1	6
571-4358621	For standard pressure shunts	32.50	27.50

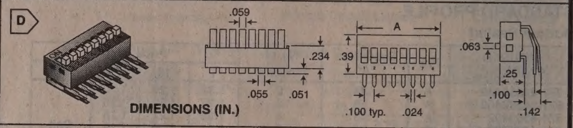
DIP Switches

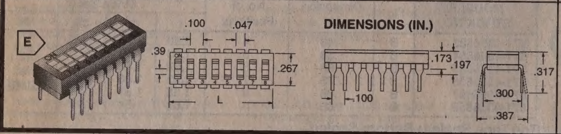
DIP SWITCHES

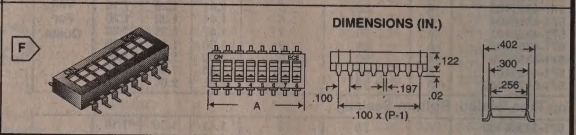












Hi-Rel Standard DIP Switches

Features:

- Mechanical life: 10,000 operation min. per switch
- Electrical life: 5000 operation min. per switch 50mA, 24VDC
- Operation force: less than 800g
- Non-switching: 100mA, 50VDC
- Switching: 50mA, 24VDC
- Circuit: single pole single throw

MOUSER STOCK NO.	Fig.	Type	Length (In.)	Price Each			
				1	10	50	100
106-1202	A	2 PST	.239	1.08	.99	.94	Call For Quote
106-1204	A	4 PST	.439	1.13	1.09	1.02	
106-1206	A	6 PST	.639	1.22	1.12	1.07	
106-1208	A	8 PST	.839	1.31	1.16	1.10	

Low Profile DIP Switches

MOUSER STOCK NO.	Fig.	Type	Length (In.)	Price Each			
				1	10	50	100
106-1214	B	4 PST	.439	1.13	1.09	1.02	Call
106-1218	B	8 PST	.839	1.31	1.16	1.10	

Side Actuated DIP Switches

Features:

- Mechanical life: 5,000 operation min. per switch
- Electrical life: 2000 operation min. per switch 50mA, 24VDC
- Operation force: 400g ±200g
- Non-switching: 100mA, 50VDC
- Switching: 50mA, 24VDC
- Circuit: single pole single throw

MOUSER STOCK NO.	Fig.	Type	Length (In.)	Price Each			
				1	10	50	100
106-1234	C	4 PST	.446	1.49	1.37	1.30	Call
106-1238	C	8 PST	.846	1.70	1.53	1.46	

Right Angle DIP Switches

NEW IN'95

Specifications:

- Mechanical life: 10,000 operation min. per switch
- Electrical life: 5,000 operation min. per switch 50mA, 24VDC
- Operation force: less than 800g
- Non-Switching rating: 100mA, 50VDC
- Switching: 50mA, 24VDC

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Dimension "A" (In.)	Price Each			
					1	10	50	100
106-1254	D	4	SPST	.439	1.75	1.63	1.52	Call
106-1258	D	8	SPST	.839	2.16	1.80	1.64	

Machine Insertable Ultra-low Profile DIP Switches

Features:

- Splay terminals allow for automatic insertion by IC insertion machine
- Recessed actuator for low profile
- Double contact offers high reliability
- Insert molding of terminals and ultra-sonic welding improve flux proofness

Mechanical Specifications:

- Mechanical life: 5,000 operation per switch
- Operation force: less than 800g
- Stroke: 1.0mm
- Operation method: slide
- Operation temperature: -40°C to +85°C
- Storage temperature: -40°C to +85°C

Electrical Specifications:

- Electrical life: 2000 operation min. per switch-24VDC
- Non-switching rating: 100mA, 50VDC
- Switching rating: 50mA, 24VDC
- Contact resistance: 30mΩ max. initial
  100mΩ max. at end of life
- Insulation resistance: 100M min. at end of life
- Dielectric strength: 500VDC / 1 minute
- Capacitance: 5pF max. between adjacent closed switch. Frequency 1MHz
- Circuit: single pole single throw

MOUSER STOCK NO.	Fig.	Type	Length (In.)	Price Each			
				1	10	100	500
106-1222	E	2 PST	.198	1.35	1.13	1.02	Call For Quote
106-1224	E	4 PST	.398	1.40	1.27	1.16	
106-1226	E	6 PST	.598	1.73	1.44	1.31	
106-1228	E	8 PST	.798	1.49	1.35	1.29	

Surface Mount DIP Switches

NEW IN'95

Features:

- End stackable for standard 0.1" IC pitch
- Molded 0.3" IC packing outline for automatic insertion
- Top tape sealed
- Materials: UL 94V-0 grade fire retardant plastics
- Contacts: gold plated
- Terminal: tin plated

Electrical Specifications:

- Contact rating: Switching: 25mA, 24VDC
  Non-switching: 100mA, 50VDC
- Contact resistance: Initial: 50mΩ max.
  After life test: 100mΩ max.
- Insulation resistance: 1,000MΩ min. @ 100VDC
- Dielectric strength: 500VDC min. for 1 minute
- Capacitance between adjacent switches: 5PF max.

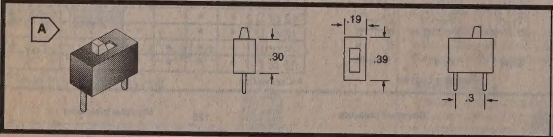
Mechanical and Environmental Specifications:

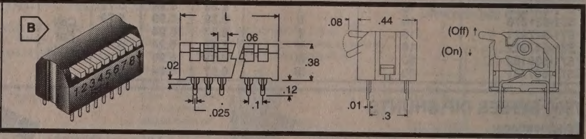
- Operating temperature: -25°C to +70°C
- Storage temperature: -40°C to +85°C
- Operation force: 800g max.
- Operation life: 2,000 operations
- Solderability: after flux 230 ± 5°C for 5 ± 0.5 second 95% coverage

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Dimension "A" (In.)	Price Each			
					1	10	50	100
106-1242	F	2	SPST	.198	1.58	1.46	1.35	Call For Quote
106-1244	F	4	SPST	.398	1.74	1.60	1.48	
106-1246	F	6	SPST	.598	1.79	1.65	1.57	
106-1248	F	8	SPST	.798	1.86	1.71	1.63	

Mountain Switch DIP SWITCHES

DIMENSIONS (IN.)





Hi-Rel Single Circuit DIP Switches

Leads are on 0.3" standard spacing centers. These DIP switches are sealed at the base with a thermo-setting plastic to provide complete protection against solder flux contamination.

Specifications:

- Operation force: 3.5 to 28oz.
- Stroke: .078 ± .02
- Non-switching: 50VDC @ 500mA
- Switching: 24VDC @ 300mA
- Contact resistance: 50mΩ (max.)
- Insulation resistance: 100MΩ (min.) between terminals
- Breakdown voltage: 500VDC for one minute
- Operation temperature: -20°C to +60°C

MOUSER STOCK NO.	Fig.	Type	Length (In.)	Price Each			
				1	10	50	100
10JS001	A	SPST	.19	5.76	4.80	4.36	Call

Side Actuated DIP Switches

Low profile piano type DIP switches with smooth positive action. Edge mounting provides easy access on closely packed PC boards. Contacts are completely sealed from soldering and flux.

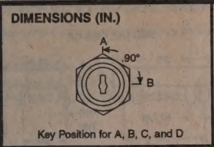
Reduced to Move!

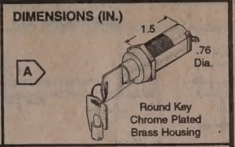
Specifications:

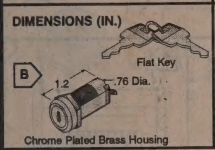
- Non-switching: 50VDC @ 100mA
- Switching 5VDC @ 100mA, 25VDC @ 25mA
- Contact resistance: 50mΩ (max.) @ .2m VAC/1.5mA
- Contact pressure: Over 100g
- Insulation resistance: Over 100MΩ (min.) @ 100VDC
- Dielectric strength: 500VDC for one minute
- Life cycle: 5,000 operations @ 5VDC 100mA
- Operating temperature: -20°C to +80°C

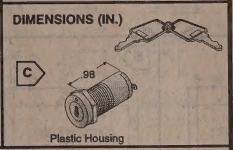
MOUSER STOCK NO.	Fig.	Type	Length (In.)	Price Each			
				1	10	50	100
10BA104	B	4 PST	.50	2.18	1.99	1.84	Call
10BA108	B	8 PST	.90	3.29	3.01	2.76	

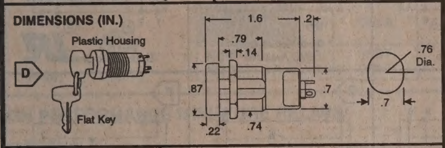
Security Switches and Components

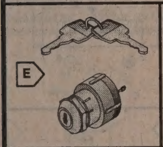

DIMENSIONS (IN.)
A
.90°
B
Key Position for A, B, C, and D

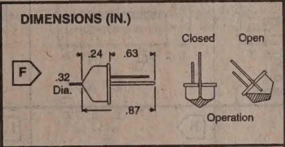

DIMENSIONS (IN.)
A
1.5
.76
Dia.
Round Key
Chrome Plated
Brass Housing

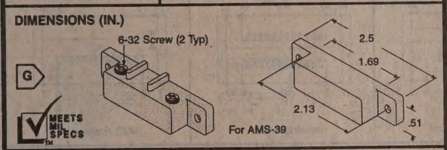

DIMENSIONS (IN.)
B
Flat Key
1.2
.76 Dia.
Chrome Plated Brass Housing

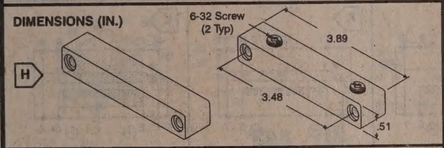

DIMENSIONS (IN.)
C
.98
Plastic Housing

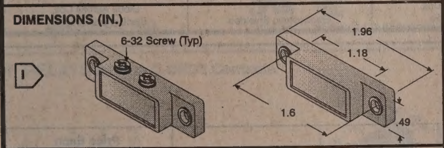

DIMENSIONS (IN.)
Plastic Housing
D
Flat Key
1.6
.2
.79
.14
.87
.7
.22
.74
.76
Dia.
.7

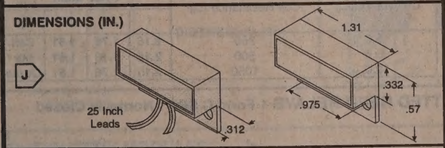


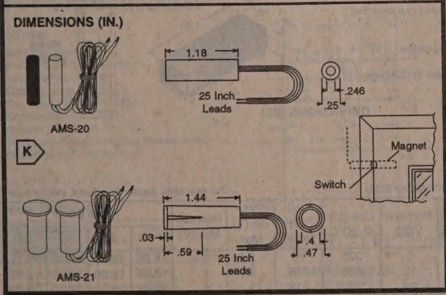

DIMENSIONS (IN.)
F
.24
.63
.32
Dia.
.87
Closed
Open
Operation


DIMENSIONS (IN.)
6-32 Screw (2 Typ)
G
MEETS
MIL
SPECS
2.5
1.69
2.13
.51
For AMS-39


DIMENSIONS (IN.)
6-32 Screw
(2 Typ)
H
3.89
3.48
.51


DIMENSIONS (IN.)
6-32 Screw (Typ)
I
1.96
1.18
1.6
.49


DIMENSIONS (IN.)
J
1.31
25 Inch
Leads
.975
.332
.57
.312


DIMENSIONS (IN.)
AMS-20
1.18
25 Inch
Leads
.246
.25
K
Magnet
Switch
1.44
.03
.59
25 Inch
Leads
.4
.47
AMS-21

HIGH RELIABILITY SECURITY KEY SWITCHES

Features:
- Complete with two keys and mounting hardware
- Life: 30,000 cycles

Specifications:
- Contact resistance: 20mΩ (max.)
- Insulation resistance: 100MΩ (min.)
- Voltage breakdown: 1000VAC, 1 min.

Solder Tab Terminals

∗ These are available keyed alike. Contact your Mouser representative for details.

MOUSER STOCK NO.	Fig.	Type	AC Rating	Description Key Removable	Price Each 1	10	100	500
∗ 10KS181	A	SPDT	5A 125V/3A 250V	"A" position only	23.70	21.55	19.59	Call For Quote
∗ 10KS182	A	SPDT	5A 125V/3A 250V	"A" & "B" positions	23.70	21.55	19.59	
∗ 10KS183	B	SPDT	5A 125V/3A 250V	"A" position only	22.76	20.69	18.81	
∗ 10KS184	B	SPDT	5A 125V/3A 250V	"A" & "B" positions	22.76	20.69	18.81	
∗ 107-DS770R	C	SPST	3A 125V/1A 250V	"A" position only	11.35	10.32	9.38	
∗ 107-DS771W	C	SPST	3A 125V/1A 250V	"A" & "B" positions	11.35	10.32	9.38	

Key Blanks for Security Switches

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	50
107-0001	- - -	Key blank for 10KS 183 and 184 switches	5.67	5.15	4.68	Call

SECURITY KEY SWITCHES

Features:
- Solder terminals
- Complete with 2 keys and mounting hardware

Specifications:
- Insulation resistance: 100MΩ
- Contact resistance: 20mΩ

∗ These are available keyed alike. Contact your Mouser representative for details.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	50	100
∗ 107-SS232	D	SPDT key removable in "A" position only	17.51	15.92	14.47	Call For Quote
∗ 107-SS233	D	SPDT key removable in "A" & "B" positions	16.98	15.44	14.04	
105-4944	E	1 pole, 4 positions	10.57	9.26	8.33	
105-4925	E	2 poles, 2 positions	10.57	9.26	8.33	
105-4901	- - -	Blank keys for 105-4944 and 105-4925 switches	1.52	1.38	1.25	

MERCURY TILT-OVER SWITCH

Features:
- Mercury/mercury contact enables noise free, very low level switching
- Contains a reducing gas which provides a high grade of dielectric strength

MOUSER STOCK NO.	Fig.	Max. Switching Power	Max. Switching Voltage	Max. Switching Current	Contact Resistance	Price Each 1	10	100	1000
107-1000	F	50 VA	250VAC	.05 A	200 mΩ	7.50	7.25	6.75	Call

MAGNETIC REED SWITCHES

Features:
- Gold plated reed switch
- Molded plastic case
- Hermetically sealed reed

Specifications:
- Contact rating: 120VAC 30VA
- Contact max. current: 1A DC
- Operating temp: -20°C to +95°C

UL Registered # Bt 2416

MOUSER STOCK NO.	Fig.	Description	Operating Gap (In)	Color	Price Each 1	10	25	500
507-AMS-39	G	Closed with magnet in place	.50	Ivory	2.80	2.73	2.55	Call
507-AMS-37	H	Closed with magnet in place	2.0	Gray	5.12	4.99	4.80	

- Voltage rating: 50VDC max.
- Current rating: .2A max.

MOUSER STOCK NO.	Fig.	Description	Operating Gap (In)	Color	Price Each 1	10	25	500
10SA002	I	Open with magnet in place	.50	Black	9.22	7.69	6.99	Call

AMS-10 MINI MAGNETIC REED SWITCH

Features:
- Extra long 25" AWG-22 lead wire
- Includes double faced 3M adhesive for mounting, or use screw mounting tabs

MOUSER STOCK NO.	Fig.	Description	Operating Gap (In)	Color	Price Each 1	10	50	500
507-AMS-10I	J	Closed with magnet in place	.75	Ivory	2.38	2.24	2.17	Call
507-AMS-10B	J	Closed with magnet in place	.75	Brown	2.38	2.24	2.17	

RECESSED REED SWITCHES

Features:
- Installs into window or door frames
- Water, rust, and corrosion resistant
- Closed with magnet in place

MOUSER STOCK NO.	Fig.	Contact Rating (VA)	Max. Voltage (VAC/VDC)	Max. Current (A)	Resistance Contact (mΩ)	Gap (In)	Color	Price Each 1	10	50	100
507-AMS-20I	K	10	100	.3	150	3/4	Ivory	2.47	2.32	2.25	Call For Quote
507-AMS-20B	K	10	100	.3	150	3/4	Brown	2.47	2.32	2.25	
507-AMS-21I	K	10	100	.3	150	3/4	Ivory	2.55	2.45	2.40	
507-AMS-21B	K	10	100	.3	150	3/4	Brown	2.55	2.45	2.40	

Reed Relays

HI-REL DIP REED RELAYS

The surface mount version of our successful D30 series DIP reed relays offer the same high quality product in space saving packaging.

Cross References:

- Clare PRM series
- Electrol RA series
- Douglas Randall 5 DIP series
- Struthers-Dunn MRR series
- Hamlin 700 series
- Gordos 83 series
- TTL compatible
- Designed to meet MIL S 55433A-MIL R 5757F
- Specifications @ 20°C

MEETS MIL SPECS™

For quantities greater than listed, call for quote.

1 Form A SPST Normally Open

Contact Rating: 10VA (100VDC or 500mA)

MOUSER STOCK NO.	Fig.	Norm Volt	Max Coil (V)	Coil (Ω±10)	Coil PWR (mW)	Pick-Up (V Max)	Release (VDC Min)	Price Each			
								1	25	50	100
433-D31A310	A	5	18	500	50	3.7	1	3.58	3.22	2.90	2.61
433-D31A510	A	12	25	1000	144	8	2	3.58	3.22	2.90	2.61
433-D31A311	B	5	18	500	50	3.7	1	3.95	3.59	3.26	2.97
433-D31A511	B	12	25	1000	144	8	2	3.95	3.59	3.26	2.97
433-D31A312	C	5	18	500	50	3.7	1	4.59	3.83	3.48	3.16
433-D31A512	C	12	25	1000	144	8	2	4.59	3.83	3.48	3.16
433-D31A314	D	5	18	500	50	3.7	1	5.35	4.46	4.05	3.69
433-D31A514	D	12	25	1000	144	8	2	5.35	4.46	4.05	3.69

1 Form B SPST Normally Closed

Contact Rating: 10VA (100VDC or 250mA)

433-D31B310	E	5	8	500	50	3.7	1	6.99	5.99	5.47	4.98
433-D31B510	E	12	16	1000	144	8	2	6.99	5.99	5.47	4.98

2 Form A DPST Normally Open

Contact Rating: 10VA (100VDC or 250mA)

433-D32A210	F	5	9	125	200	3.7	0.8	6.85	6.23	5.67	5.50
433-D32A510	F	12	18	500	288	9.6	2	6.85	6.23	5.67	5.50
433-D32A211	G	5	9	125	200	3.7	0.8	7.76	7.06	6.41	5.98
433-D32A511	G	12	18	500	288	9.6	2	7.76	7.06	6.41	5.98

1 Form A SPST Latching Action

Contact Rating: 10VA (100VDC or 250mA)

433-D31L510	H	12	16	2x1500	150	8	8	13.98	12.71	11.55	11.20

1 Form C SPDT Normally Closed

Contact Rating: 3VA (28VDC or 250mA)

433-D31C210	I	5	12	200	125	3.7	1	7.42	6.75	6.13	5.58
433-D31C510	I	12	18	500	288	8	2	7.42	6.75	6.13	5.58
433-D31C211	J	5	12	200	125	3.7	1	8.15	7.40	6.73	6.12
433-D31C511	J	12	18	500	288	8	2	8.15	7.40	6.73	6.12
433-D31C212	K	5	12	200	125	3.7	1	8.15	7.40	6.73	6.12
433-D31C512	K	12	18	500	288	8	2	8.15	7.40	6.73	6.12
433-D31C214	L	5	12	200	125	3.7	1	8.85	8.05	7.32	6.66
433-D31C514	L	12	18	500	288	8	2	8.85	8.05	7.32	6.66

1 Form C SPDT Normally Closed

Contact Rating: 4VA (30VDC or 500mA)

431-2312	I	12	18	450	320	9.6	0.8	6.31	5.74	5.21	4.74

SMD DIP REED RELAYS

1 Form A SPST Normally Open

Contact Rating: 10VA (100VDC or 500mA)

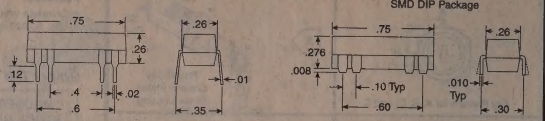
433-DS31A310	A	5	18	500	50	3.7	1	3.58	3.22	2.90	2.61
433-DS31A510	A	12	25	1000	144	8	2	3.58	3.22	2.90	2.61
433-DS31A311	B	5	18	500	50	3.7	1	3.95	3.59	3.26	2.97

1 Form C SPDT Normally Closed

Contact Rating: 3VA (28VDC or 250mA)

433-DS31C210	I	5	12	200	125	3.7	1	7.42	6.75	6.13	5.58
433-DS31C211	J	5	12	200	125	3.7	1	8.15	7.40	6.73	6.12

DIMENSIONS (IN.)



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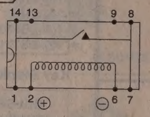
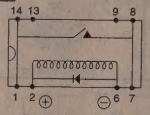


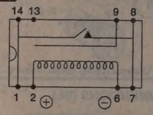
SMD Available

B



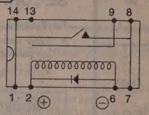
Diode Across Coil, SMD Available

C



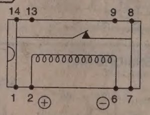
Electrostatic Shielded

D



Diode Across Coil, Electrostatic Shielded

E



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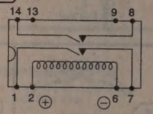

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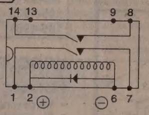
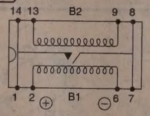


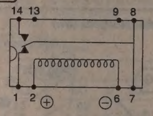
Diode Across Coil

H



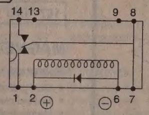
Latching Action

I



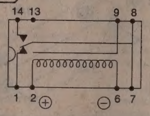
SMD Available

J



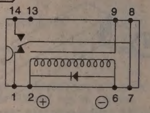
Diode Across Coil, SMD Available

K



Electrostatic Shielded

L



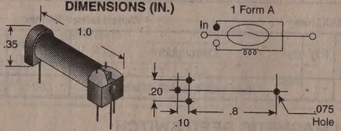
Diode Across Coil, Electrostatic Shielded

HIGH RELIABILITY REED RELAYS 1 Form A SPST Contacts Normally Open

Specifications:

- Contact resistance: 150mΩ max.
- Coil temperature rise: 30°C max.
- Temperature range: -10°C to +60°C
- Operate time: 1.0 mS max.
- Dielectric strength: 500VAC for 1 minute between coil and contacts 200VDC for 1 minute between contacts
- Release time: 0.5 mS max.

DIMENSIONS (IN.)



MOUSER STOCK NO.	Coil Volt (VDC)	Coil Resistance (Ω)	Price Each			
			1	10	50	100
431-1405	5.0	250	2.15	1.78	1.61	Call
431-1415	5.0	500	2.15	1.78	1.61	For
431-1412	12.0	1050	2.15	1.78	1.61	Quote

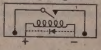
SIP REED RELAYS 1 Form A SPST Contacts Normally Open

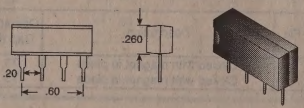
Specifications:

- Immersion resistant
- TTL compatible
- Designed to meet MIL-S-55433A, MIL R-575F
- Contact rating: 10W (100VDC, 500mA)

MEETS MIL SPECS™

Wiring Diagram





DIMENSIONS (IN.)

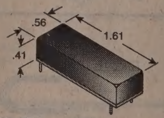
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Coil Diode	Nominal VDC	Coil Resistance (Ω) @ 25°C	Price Each			
				1	25	50	100
433-D401A310	No	5	500	5.81	4.84	4.40	4.00
433-D401A311	Yes	5	500	6.53	5.45	4.95	4.50
433-D401A510	No	12	1000	5.81	4.84	4.40	4.00
433-D401A511	Yes	12	1000	6.53	5.45	4.95	4.50
433-D401A710	No	24	2150	5.81	4.84	4.40	4.00
433-D401A711	Yes	24	2150	6.53	5.45	4.95	4.50

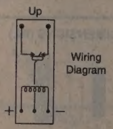
MERCURY-WETTED REED RELAYS 1 Form C SPDT Normally Closed

Features:

- Injection molded, magnetic cap protected
- Vertical operation ±30°
- Change over contacts
- Long life with reliable operation
- Low power operation
- Pin compatible with Clare #HGJM relay



DIMENSIONS (IN.)



Contact Rating: 10VA (500VDC or 2mA)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nominal VDC	Coil (Ω) @ 20°C	Coil PWR (mW)	Pick-Up (V) Max	Release Min (V)	Price Each			
						1	25	50	100
433-R0861	5	335	75	2.8	0.4	19.85	18.90	17.30	15.75
433-R0760	12	680	215	5.7	1	19.85	18.90	17.30	15.75
433-R0761	24	2650	215	13	2	19.85	18.90	17.30	15.75

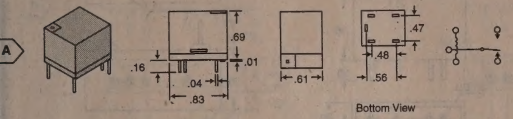
Miniature Relays and I/O Modules

GENERAL PURPOSE MINIATURE RELAYS

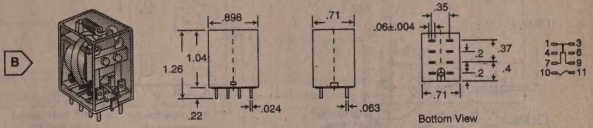
hese general purpose miniature relays feature in-line contacts and a removable dust resistant clear plastic cover. Terminations are designed for board mounting, but may be soldered. The contacts are silver plated.

pecifications A:
- Electrical life: 100,000 operations
- Mechanical life: 5,000,000 operations
- Silver plated contacts
- Dust resistant black plastic cover

Specifications B:
- Electrical life: 200,000 operations (min.)
- Mechanical life: 5,000,000 operations (min.)
- Silver plated contacts
- Dust resistant black plastic cover



Bottom View



Bottom View

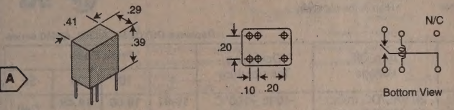
DIMENSIONS (IN.)

E74321 LR90143

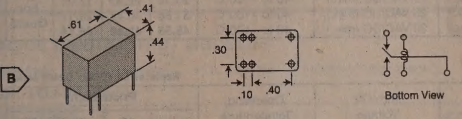
MOUSER STOCK NO.	Fig.	Circuit	Coil Volts	Contact Rating	Coil (Ω)	Operate Time	Release Time	Price Each			
								1	10	50	100
433-812H	A	SPDT	12VDC	7A 30VDC / 12A 125VAC	400	15 msec	5 msec	3.56	3.27	2.99	Call
433-2411	B	DPDT	12VDC	5A 24VDC / 120VAC	125	15 msec	10 msec	6.99	6.43	5.92	

HIGH PERFORMANCE MINIATURE RELAYS

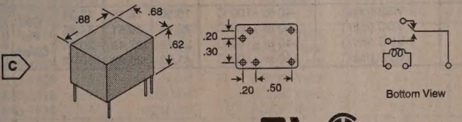
Specifications:
- Mechanical life: 1,000,000 operations
- Electrical life: 100,000 operations
- Insulation resistance: 100MΩ (min.)
- Operating temperature: -25°C to +55°C
- Contact resistance: less than 50mΩ
- Dielectric strength: 500VAC, 50/60 Hz, 4000VAC, 50/60 Hz (UL Listed relays)
- Switching capacity: 2A @ 100VAC/24VDC
- UL TV-5 File No. E82292



Bottom View



Bottom View



Bottom View

DIMENSIONS (IN.)

E58304 LR48471 ✻ As Indicated

Micro-Miniature 1 Form C SPDT

MOUSER STOCK NO.	Fig.	Nominal Coil		Watts (W)	R Coil (Ω ± 10%)	Price Each			
		VDC (V)	IDC (mA)			1	10	50	100
431-1106	A	6	75	.45	80	2.86	2.20	1.99	Call
431-1112	A	12	37.5	.45	320	2.86	2.20	1.99	For
431-1105	A	5	90	.45	55	2.86	2.20	1.99	Quote

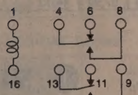
Subminiature 1 Form C SPDT

MOUSER STOCK NO.	Fig.	Nominal Coil		Watts (W)	R Coil (Ω ± 10%)	Price Each			
		VDC (V)	IDC (mA)			1	10	50	100
431-1206	B	6	60	.36	100	3.25	2.50	2.27	Call
431-1212	B	12	30	.36	400	3.25	2.50	2.27	For
431-1205	B	5	72	.36	75	3.25	2.50	2.27	Quote

Miniature 1 Form C SPDT

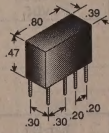
MOUSER STOCK NO.	Fig.	Nominal Coil		Watts (W)	R Coil (Ω ± 10%)	Price Each			
		VDC (V)	IDC (mA)			1	10	50	100
✻ 431-1306	C	6	75	.45	80	3.66	3.33	2.99	Call
✻ 431-0112	C	12	37.5	.45	320	3.66	3.33	2.99	For
✻ 431-1305	C	5	80	.45	70	3.66	3.33	2.99	Quote

DIP RELAYS 2 Form C DPDT Contacts



Connection Diagram (Bottom View)

DIMENSIONS (IN.)



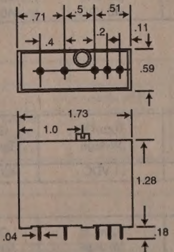
Specifications:
- Contact: single x-bar
- Contact rating 1A @ 120VAC
- Power consumption: 510m W

E82292 LR82292

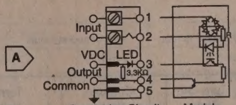
MOUSER STOCK NO.	Coil Volt (VDC)	Coil Resistance (Ω)	Price Each			
			1	10	50	100
431-OVR-SH-205L	5	167	5.37	5.27	4.88	Call
431-OVR-SH-212L	12	960	5.58	5.47	5.07	For
431-OVR-SH-224L	24	2880	7.23	6.02	5.47	Quote

INPUT/OUTPUT MODULES

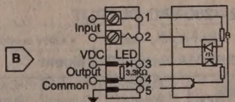
Features:
- Noise free interface
- Module to module uniformity
- Functionally tuned
- Excellent surge protection
- Shock and vibration resistant
- Single hold down screw
- Versatile I/O system
- Plug in capabilities simplifies maintenance installation and modifications



DIMENSIONS (IN.)



Supporting Circuit Module

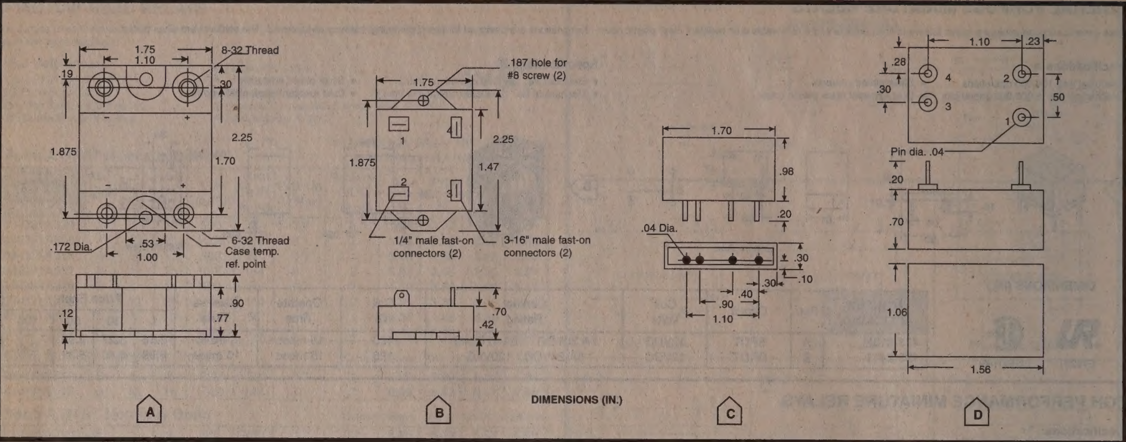


Supporting Circuit Module

Cross-Reference

MOUSER STOCK NO.	Industry Number
433-SEA05020	1AC5A
433-SEC05003	1DC5

MOUSER STOCK NO.	Fig.	Module Type	Input	Output	Price Each			
					1	5	10	100
433-SEA05020	A	Input	220VAC	Logic 5VDC	11.35	10.16	9.24	Call
433-SEC05003	B	Input	32VDC	Logic 5VDC	13.20	12.00	10.91	



DIMENSIONS (IN.)

DC-AC PANEL MOUNT POWER RELAYS

Features: • Photo isolation • 600V blocking voltage • 4000V isolation voltage • Zero voltage turn-on • Built-in snubber • High surge capability

S505-OSJ600 Series AC Control Models

Replaces CRYDOM: A1200, A2400 series

MOUSER STOCK NO.	Fig.	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price Each			
											1	10	25	50
518-1010	A	24-330 VAC	10 Amp	100 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100°C	19.91	19.00	14.48	Call For Quote
518-1025	A	24-330 VAC	25 Amp	250 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100°C	23.39	22.32	17.01	
518-1040	A	24-330 VAC	40 Amp	650 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100°C	31.86	30.41	23.17	
518-1075	A	24-330 VAC	75 Amp	950 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100°C	45.56	43.49	33.14	

S505-OSJ600 Series DC Control Series

Replaces CRYDOM: D2400 series

MOUSER STOCK NO.	Fig.	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price Each			
											1	10	25	50
518-1110	A	24-330 VAC	10 Amp	100 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100°C	16.96	16.19	12.34	Call For Quote
518-1125	A	24-330 VAC	25 Amp	250 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100°C	20.44	19.51	14.86	
518-1140	A	24-330 VAC	40 Amp	650 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100°C	28.79	27.49	20.94	
518-1175	A	24-330 VAC	75 Amp	950 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100°C	41.82	39.92	30.42	

DC-DC 0-100 VDC OUTPUT

Features: • 2500V isolation • High surge rating • Compatible with most logic systems • Wide control range

RSDC-DC-100 Series

Replaces CRYDOM: D1D series

MOUSER STOCK NO.	Fig.	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price Each			
											1	10	25	50
518-1208	A	0-100 VDC	8	20 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1.0 VDC	-40 to +100°C	37.71	35.99	27.42	Call For Quote
518-1212	A	0-100 VDC	12	30 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1.0 VDC	-40 to +100°C	41.82	39.92	30.42	
518-1220	A	0-100 VDC	20	60 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1.0 VDC	-40 to +100°C	47.43	45.28	34.50	
518-1240	A	0-100 VDC	40	120 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1.0 VDC	-40 to +100°C	60.68	57.92	44.13	

AC, DC-AC 24-280 VAC OUTPUT

Features: • Photo isolation • 600V blocking voltage • 4000V isolation voltage • Built-in snubber

RLDC, RLAA-240 Series

MOUSER STOCK NO.	Fig.	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price Each			
											1	10	25	50
518-1532	B	24-280 VAC	15	150 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC	1 VDC	-40 to +100°C	12.10	11.55	8.80	Call For Quote
518-1514	B	24-280 VAC	15	150 Amp	1/2 Cycle	1/2 Cycle	90 to 140 VAC	90 VAC	20 VAC	-40 to +100°C	15.40	14.70	11.20	
518-1528	B	24-280 VAC	15	150 Amp	1/2 Cycle	1/2 Cycle	180 to 280 VAC	180 VAC	40 VAC	-40 to +100°C	15.40	14.70	11.20	

DC-AC 24-280 VAC OUTPUT

Features: • 600V blocking voltage • 4000V isolation voltage • Zero voltage turn-on • PC or socket mount

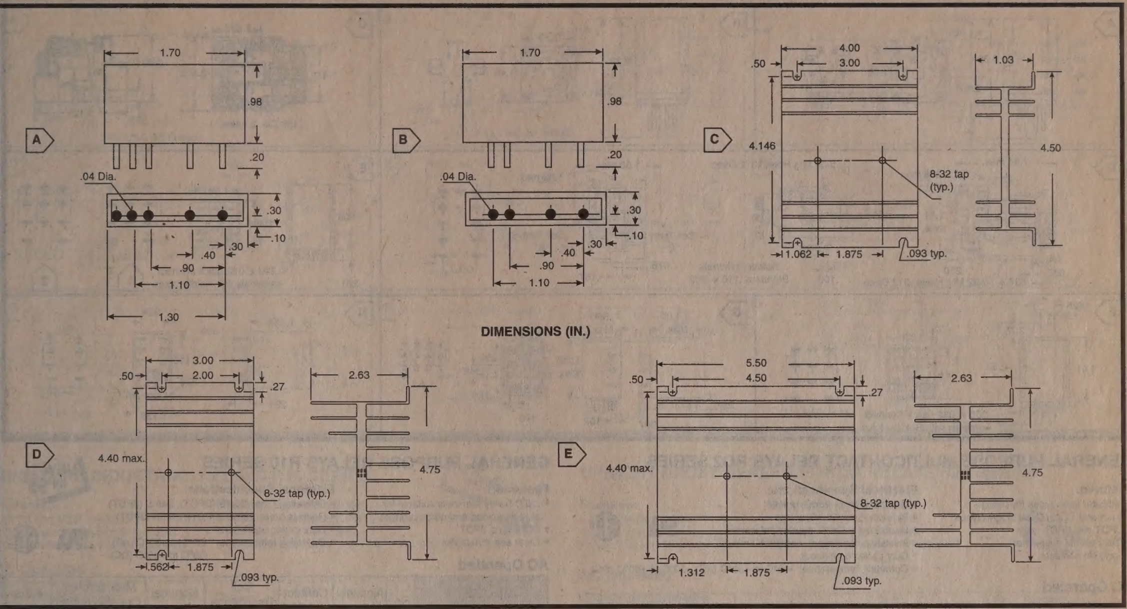
RP03-24/280-04A Vertical P.C. Mount

Replaces CRYDOM: MP120D3, MP240D3 series

MOUSER STOCK NO.	Fig.	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price Each			
											1	10	25	50
518-1304	C	24-280 VAC	4 Amp	100 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC	1 VDC	-40 to +100°C	11.46	10.94	8.34	Call

S512-OSJ-603 Horizontal P.C. Mount

MOUSER STOCK NO.	Fig.	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price Each			
											1	10	25	50
518-1303	D	24-280 VAC	3 Amp	100 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC	1 VDC	-40 to +100°C	14.41	13.76	10.48	Call



DIMENSIONS (IN.)

AC/DC INPUT/OUTPUT MODULES

eatures: • Solid state reliability • TTL compatible • Choice of 3 logic voltage

ini I/O3-IAC Series

Replaces GORDOS: M-IAC series

MOUSER STOCK NO.	Fig.	Isolation Voltage	Function	Logic Circuit (Output)			Field Circuit (Input)		Price Each			
				Logic VDC	Range VDC	Current	Range (V)	Current (max.)	1	10	25	50
518-1605	A	4000 Volt	AC/DC Input	5	4.5 to 6	100 mA	90 to 140 VAC/VDC	8 mA	11.35	8.26	7.74	Call For Quote
518-1615	A	4000 Volt	AC/DC Input	15	12 to 18	100 mA	90 to 140 VAC/VDC	8 mA	11.35	8.26	7.74	
518-1624	A	4000 Volt	AC/DC Input	24	20 to 30	100 mA	90 to 140 VAC/VDC	8 mA	11.35	8.26	7.74	
518-1606	A	4000 Volt	AC/DC Input	5	4.5 to 6	100 mA	180 to 280 VAC/VDC	7 mA	11.35	8.26	7.74	
518-1616	A	4000 Volt	AC/DC Input	15	12 to 18	100 mA	180 to 280 VAC/VDC	7 mA	11.35	8.26	7.74	
518-1625	A	4000 Volt	AC/DC Input	24	20 to 30	100 mA	180 to 280 VAC/VDC	7 mA	11.35	8.26	7.74	

ini I/O3-IDC Series

Replaces GORDOS: M-IDC series

MOUSER STOCK NO.	Fig.	Isolation Voltage	Function	Logic Circuit (Output)			Field Circuit (Input)		Price Each			
				Logic VDC	Range VDC	Current	Range (V)	Current (max.)	1	10	25	50
518-1705	A	4000 Volt	DC Output	5	4.5 to 6	100 mA	15 to 32 VAC or 10 to 32 VDC	30 mA	11.35	8.26	7.74	Call For Quote
518-1715	A	4000 Volt	DC Output	15	12 to 18	100 mA	15 to 32 VAC or 10 to 32 VDC	30 mA	11.35	8.26	7.74	
518-1724	A	4000 Volt	DC Output	24	20 to 30	100 mA	15 to 32 VAC or 10 to 32 VDC	30 mA	11.35	8.26	7.74	
518-1706	A	4000 Volt	DC Output	5	4.5 to 6	100 mA	4 to 28 VDC	50 mA	12.72	9.25	8.67	

ini I/O3-OAC Series

Replaces GORDOS: M-OAC series

MOUSER STOCK NO.	Fig.	Isolation Voltage	Function	Logic Circuit (Input)			Field Circuit (Output)		Price Each			
				Logic VDC	Range VDC	Current	Range	Current	1	10	25	50
518-1805	B	4000 Volt	AC Output	5	2.5 to 8	11 mA	12 to 140 VAC	3A 45°C	12.47	9.07	8.51	Call For Quote
518-1815	B	4000 Volt	AC Output	15	9 to 16	17 mA	12 to 140 VAC	3A 45°C	12.47	9.07	8.51	
518-1824	B	4000 Volt	AC Output	24	18 to 32	17 mA	12 to 140 VAC	3A 45°C	12.47	9.07	8.51	
518-1806	B	4000 Volt	AC Output	5	2.5 to 8	11 mA	24 to 280 VAC	2A 70°C	12.47	9.07	8.51	
518-1816	B	4000 Volt	AC Output	15	9 to 16	17 mA	24 to 280 VAC	2A 70°C	12.47	9.07	8.51	
518-1825	B	4000 Volt	AC Output	24	18 to 32	17 mA	24 to 280 VAC	2A 70°C	12.47	9.07	8.51	

ini I/O3-ODC Series

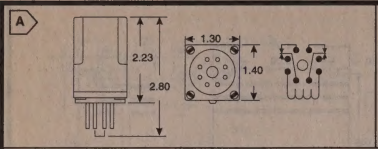
Replaces GORDOS: M-ODC series

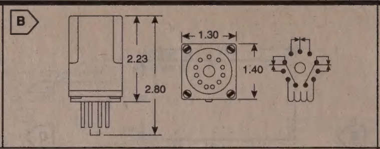
MOUSER STOCK NO.	Fig.	Isolation Voltage	Function	Logic Circuit (Input)			Field Circuit (Output)		Price Each			
				Logic VDC	Range VDC	Current	Range	Current	1	10	25	50
518-1905	B	4000 Volt	DC Output	5	2.5 to 8	10 mA	5 to 60 VDC	3A 45°C	12.39	9.00	8.45	Call For Quote
518-1915	B	4000 Volt	DC Output	15	9 to 16	17 mA	5 to 60 VDC	3A 45°C	12.39	9.00	8.45	
518-1924	B	4000 Volt	DC Output	24	18 to 32	17 mA	5 to 60 VDC	3A 45°C	12.39	9.00	8.45	

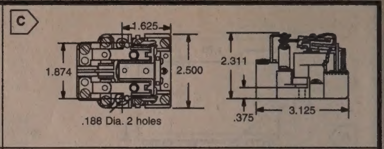
S505 Series Heat Sinks

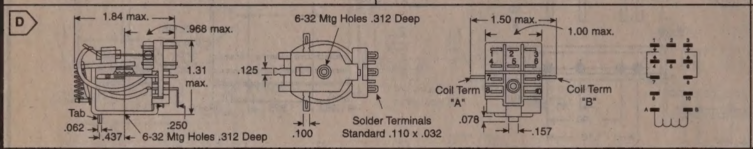
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	50
518-1421	C	Heat sink for 10 Amp and 25 Amp solid state relays (SSR's), depending upon the ambient temperature and the mounting position	15.03	14.34	10.93	Call For Quote
518-1415	D	Heat sink for 25 Amp and 40 Amp solid state relays (SSR's), depending upon the ambient temperature and the mounting position	17.40	16.61	12.66	
518-1410	E	Heat sink for 40 Amp and 75 Amp solid state relays (SSR's), depending upon the ambient temperature and the mounting position	23.50	22.26	16.96	

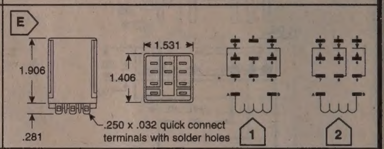
Note: All dimensions are in inches.

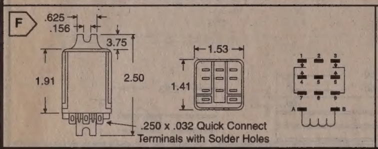


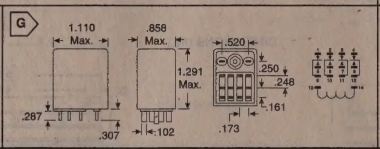


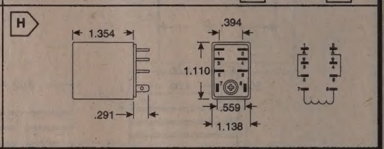












GENERAL PURPOSE MULTICONTACT RELAYS RO2 SERIES

Features:
- Indicator lamp types (N-suffix)
- 8 pin and 11 pin Octal plug-in types
- DPDT and 3PDT types
- Clear plastic dust cover
- Long life contacts

Electrical Specifications:
- Operating time: 25mS or less
- Release time: 20mS or less
- Insulation material: molded polyester
- Insulation resistance: 1 x 10³MΩ min.
- Duty cycle: continuous
- Operating temperature: -10°C to +50°C (AC), -10°C to +60°C (DC)

AC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R02-11A10-12	A	12VAC	DPDT	- - -	2.0VA	10A	12.66
526-R02-11A10-24	A	24VAC	DPDT	- - -	2.0VA	10A	12.66
526-R02-11A10-120	A	120VAC	DPDT	- - -	2.0VA	10A	13.00
526-R02-11A10-120N	A	120VAC	DPDT	- - -	2.0VA	10A	16.85
526-R02-11A10-240	A	240VAC	DPDT	- - -	2.0VA	10A	13.17
526-R02-14A10-24	B	24VAC	3PDT	- - -	2.75VA	10A	15.51
526-R02-14A10-120	B	120VAC	3PDT	- - -	2.75VA	10A	15.94
526-R02-14A10-120N	B	120VAC	3PDT	- - -	2.75VA	10A	17.93

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R02-11D10-12	A	12VDC	DPDT	120	1.0W	10A	12.55
526-R02-11D10-24	A	24VDC	DPDT	470	1.0W	10A	12.68
526-R02-11D10-110	A	110VDC	DPDT	10K	1.2W	10A	13.55
526-R02-14D10-12	B	12VDC	3PDT	120	1.0W	10A	15.75
526-R02-14D10-24	B	24VDC	3PDT	470	1.0W	10A	15.75

HEAVY DUTY, OPEN FRAME RELAYS RO4 SERIES

NEW IN'95

Features:
- Screw terminals
- Long life contacts
- Molded plastic barrier insulation
- Molded nylon bobbin coil

Electrical Specifications:
- Operating time: 40mS or less
- Release time: 30mS or less
- Operating temperature: -30°C to +50°C
- Duty cycle: continuous

AC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R04-11A30-120	C	120VAC	DPDT	- - -	10VA	30A	16.30
526-R04-11A30-240	C	240VAC	DPDT	- - -	10VA	30A	17.28

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R04-11D30-12	C	12VDC	DPDT	70	2.0W	30A	16.36

GENERAL PURPOSE RELAY R06 SERIES

NEW IN'95

Features:
- Solder terminals
- High dielectric strength

Electrical Specifications:
- Operating time 25mS or less
- Realease time: 20mS or less
- Operating temperature: -10°C to +50°C
- Storage temperature: -30°C to +105°C

AC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R06-11A10-120	D	120VAC	DPDT	- - -	2.0VA	10A	11.32

GENERAL PURPOSE RELAYS R10 SERIES

NEW IN'95

Features:
- .187" 3-way terminals suitable for plug-in, solder, and quick connect
- DPDT and 3PDT
- Clear see-thru cover

Electrical Specifications:
- Operating time: 20mS (DPDT), 24mS (3PDT)
- Release time: 28mS (DPDT), 26mS (3PDT)
- Duty cycle: continuous
- Operating temperature: -30°C to +50°C (AC)
  -30°C to +65°C (DC)

AC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R10-11A10-24	E1	24VAC	DPDT	- - -	2.0VA	12A	8.82
526-R10-11A10-120	E1	120VAC	DPDT	- - -	2.0VA	12A	8.96
526-R10-11A10-120F	F	120VAC	DPDT	- - -	2.0VA	12A	9.10
526-R10-14A10-24	E2	24VAC	3PDT	- - -	2.75VA	11A	10.19
526-R10-14A10-120	E2	120VAC	3PDT	- - -	2.75VA	11A	10.49

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R10-11D10-12	E1	12VDC	DPDT	120	1.2W	12A	8.44
526-R10-11D10-24	E1	24VDC	DPDT	470	1.2W	12A	8.44
526-R10-14D10-12	E2	12VDC	3PDT	120	1.2W	11A	9.77
526-R10-14D10-24	E2	24VDC	3PDT	470	1.2W	11A	9.77

GENERAL PURPOSE RELAYS R12 SERIES

Features:
- Slightly larger than 1 cubic inch
- High reliability, 50 million operations
- Plug-in or solder terminal

Electrical Specifications:
- Operating time: 25mS or less
- Release time: 25mS or less
- Duty cycle: continuous
- Operating temperature: -30°C to +55°C

AC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R12-17A3-24	G	24VAC	4PDT	- - -	1.2VA	3A	12.70
526-R12-17A3-120	G	120VAC	4PDT	- - -	1.2VA	3A	12.70

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R12-17D3-12	G	12VDC	4PDT	160	.9W	3A	10.89
526-R12-17D3-24	G	24VDC	4PDT	650	.9W	3A	10.89

GENERAL PURPOSE RELAYS R14 SERIES

NEW IN'95

Features:
- Slightly larger than 1 cubic inch
- Plug-in or solder terminals, will also accept .187" faston terminals
- High reliability, 50 million operations

Electrical Specifications:
- Operating time: 25mS or less
- Release time: 25mS or less
- Duty cycle: continuous
- Operating temperature: -30°C to +55°C

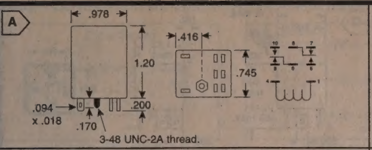
AC Operated

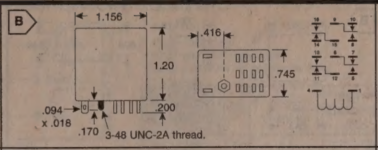
MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R14-11A10-24	H	24VAC	DPDT	- - -	1.2VA	10A	8.19
526-R14-11A10-120	H	120VAC	DPDT	- - -	1.2VA	10A	8.40
526-R14-5A15-120	H	120VAC	SPDT	- - -	1.2VA	15A	7.69

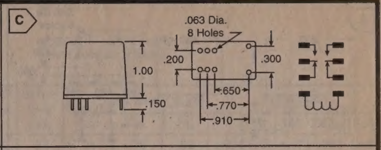
DC Operated

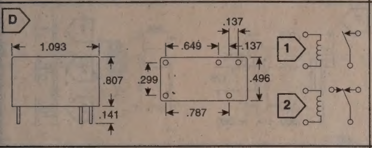
MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R14-11D10-12	H	12VDC	DPDT	160	.9W	10A	7.89
526-R14-11D10-24	H	24VDC	DPDT	650	.9W	10A	7.89
526-R14-5D15-24	H	24VDC	SPDT	650	.9W	15A	7.40

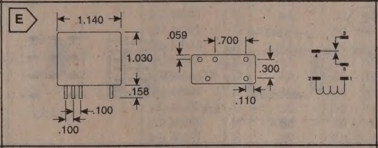
Note: All dimensions are in inches.

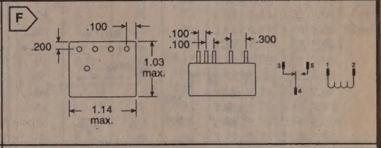


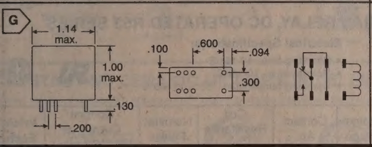


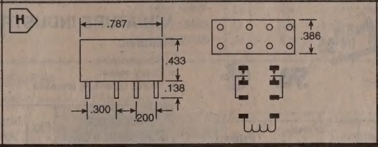


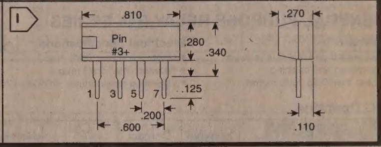












MINIATURE INDUSTRIAL RELAYS R16 SERIES

NEW IN'95

Features:
- DPDT and 4PDT versions
- Combination solder/plug-in terminals
- Gold overlay bar type long life contacts

Electrical Specifications:
- Operating time: 12mS (DPDT), 14mS (4PDT) or less
- Release time: 8mS or less
- Operating temperature: -55°C to +70°C, 10 sec. max.

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R16-11D5-5	A	5/6VDC	DPDT	52	.5W	5A	9.72
526-R16-11D5-12	A	12VDC	DPDT	185	.75W	5A	9.72
526-R16-11D5-24	A	24VDC	DPDT	700	1W	5A	10.67
526-R16-17D5-12	B	12VDC	4PDT	185	1W	5A	12.95
526-R16-17D5-24	B	24VDC	4PDT	700	1W	5A	13.02
526-R16-11D3-12	A	12VDC	DPDT	185	.75W	3A	9.72
526-R16-17D3-12	B	12VDC	4PDT	185	.75W	3A	12.95
526-R16-17D3-24	B	24VDC	4PDT	700	1W	3A	13.02

PC MOUNT RELAY R20

NEW IN'95

Features:
- Continuous duty operation
- Dust proof cover
- Switches heavy current with low coil power

Electrical Specifications:
- Operating time: 10mS approx.
- Realease time: 8mS approx.
- Operating temperature: -45°C to +75°C
- Mechanical life: 5,000,000 operations min.

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R20-11D6-12	C	12VDC	DPDT	170	800mW	8A	11.64

SLIM LINE RELAYS R22 SERIES

NEW IN'95

Features:
- Long life
- PC board mount

Electrical Specifications:
- Operating time: 30mS
- Release time: 8mS

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 30VDC or 240VAC	Price Each
526-R22-1D16-12	D1	12VDC	SPST-NO	270	540mW	16A	4.69
526-R22-1D16-24	D1	24VDC	SPST-NO	1100	540mW	16A	4.69
526-R22-1D16-48	D1	48VDC	SPST-NO	4400	540mW	16A	4.90
526-R22-5D16-5/6	D2	5/6VDC	SPDT	47	540mW	16A	4.69
526-R22-5D16-12	D2	12VDC	SPDT	270	540mW	16A	4.69
526-R22-5D16-24	D2	24VDC	SPDT	1100	540mW	16A	4.69

UPRIGHT EPOXY SEALED POWER RELAYS R24 SERIES

Features:
- High dielectric-4000 VRMS between control and switching circuits
- Cut-off nib after PCB washing
- 94V-0 enclosure

Electrical Specifications:
- Operating time: 15mS
- Release time: 10mS
- Switching rate: 5 operations per sec. (max.)
- Operating temperature: -40°C to +70°C

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R24-5D10-12V	E	12VDC	SPDT	230	600mW	10A	5.38
526-R24-5D10-24V	E	24VDC	SPDT	920	600mW	10A	5.46

UPRIGHT EPOXY SEALED POWER RELAYS R24 SERIES

NEW IN'95

Features:
- Epoxy sealed for wave soldering and cleaning
- Cut-off rib after PCB washing

Electrical Specifications:
- Operating time: 15mS approx.
- Realease time: 10mS approx.
- Operating temperature: -40°C to +70°C

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R24-5D10-12FP	F	12VDC	SPDT	330	600mW	10A	5.38
526-R24-5D10-24FP	F	24VDC	SPDT	1200	600mW	10A	5.38

UPRIGHT PC MOUNTABLE RELAY R25 SERIES

NEW IN'95

Features:
- Epoxy sealed for wave soldering and cleaning
- Immension proof

Electrical Specifications:
- Operating time: 8mS approx.
- Realease time: 5mS approx.
- Operating temperature: -40°C to +70°C

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R25-5D16-12	G	12VDC	SPDT	270	500mW	16A	5.40

PC MOUNTABLE RELAYS R40 SERIES

NEW IN'95

Features:
- Ultra-sensitive coil
- Epoxy sealed
- Standard 0.1" DIP terminal

Electrical Specifications:
- Operating time: 4.5mS max.
- Realease time: 1.5mS max.
- Operating temperature: -40°C to +65°C
- Mechanical life: 20,000,000 operations min.

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R40-11D2-5/6	H	5/6VDC	DPDT	167	150mW	2A	3.97
526-R40-11D2-12	H	12VDC	DPDT	960	150mW	2A	3.97
526-R40-11D2-24	H	24VDC	DPDT	2880	200mW	2A	3.97

GENERAL PURPOSE, 500mA RELAY R42 SERIES

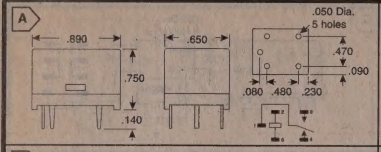
Features:
- Internal clamping diode
- Minimum drop out: .5VDC
- PC mountable

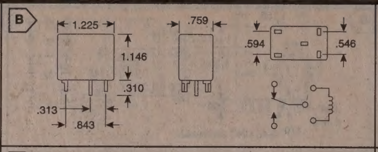
Electrical Specifications:
- Operating time: 330μS at nominal voltage
- Release time: 150μS at nominal voltage
- Operating temperature: -45°C to +85°C

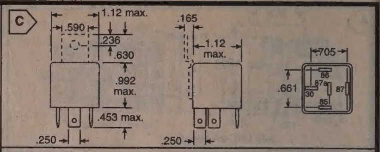
DC Operated

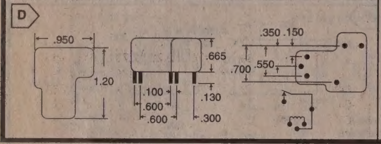
MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Maximum Pick Up	Price Each
526-R42-1D.5-6	I	5/6 VDC	SPST-NO	500	50mW	3.8VDC	4.93

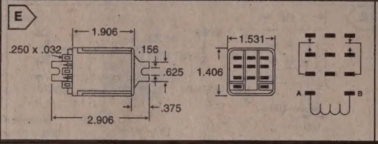
NTE Relays and Accessories

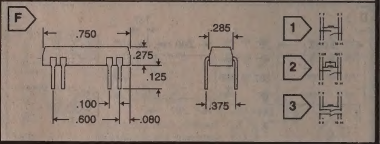












GENERAL PURPOSE RELAY R46 SERIES

NEW IN'95

Features:
- All sealed and resistant to wave soldering and cleaning
- Less than 0.53 cubic inches

Electrical Specifications:
- Operating time: 10mS (max.)
- Release time: 5mS (max.)
- Operating temperature: -25°C to +70°C

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Contact Current at 30VDC (max.)	Price Each
526-R46-5D3-6	A	6VDC	SPDT	90	400mW	5A	3.27
526-R46-5D3-12	A	12VDC	SPDT	360	400mW	5A	3.27
526-R46-5D3-24	A	24VDC	SPDT	1440	400mW	5A	3.27

MINIATURE GENERAL PURPOSE RELAY R48 SERIES

Features:
- PC mountable
- 1.1 cubic inches
- Long life

Electrical Specifications:
- Operating time: 12mS (typ.)
- Release time: 3mS (typ.)
- Operating temperature: -55°C to +85°C

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Contact Current at 28VDC (max.)	Price Each
526-R48-5D10-12	B	12VDC	SPDT	600	250mW	10A	4.70

GENERAL PURPOSE RELAYS R51 SERIES

NEW IN'95

Features:
- .250" quick disconnect terminals
- Flange mount - "F" suffix

Electrical Specifications:
- Operating time: 7mS
- Release time: 2mS
- Operating temperature: -40°C to +125°C
- Storage temperature: -40°C to +155°C

DC Operated

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Contact Current at 14VDC (max.)	Price Each
526-R51-5D40-12	C	12VDC	SPDT	90	1.6W	40A	5.80
526-R51-5D40-12F	C	12VDC	SPDT	90	1.6W	40A	6.04

MINIATURE INDUSTRIAL RELAY, DC OPERATED R53 SERIES

Features:
- PC mountable
- Epoxy sealed
- Vented cover-fully enclosed

Electrical Specifications:
- Operating time: 10-15mS
- Release time: 10-15mS
- Operating temperature: -55°C to +85°C

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Contact Current at 28VDC (max.)	Price Each
526-R53-1D30-12	D	12VDC	SPST-NO	155	900mW	30A	5.09

GENERAL PURPOSE RELAY, DC OPERATED R55 SERIES

NEW IN'95

Features:
- Flange mount
- 1/4" quick connect terminals also suitable for soldering

Electrical Specifications:
- Operating temperature: -30°C to +60°C
- Storage temperature: -30°C to +100°C

526-R55-11D20-12F	E	12VDC	DPDT	100	1.5W	20A	13.18
526-R55-11D20-24F	E	24VDC	DPDT	400	1.5W	20A	13.18

GENERAL PURPOSE DIP REED RELAYS, DC OPERATED R56 SERIES

NEW IN'95

Electrical Specifications:
- Separate time: 330µS max. (SPST-NO), 700µS max. (DPST-NO)
- Release time: 150µS max. (SPST-NO), 75µS max. (DPST-NO)
- Operating temperature: -45°C to +85°C
- Current: .50A max.

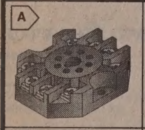
MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Max. Pickup VDC	Min. Drop Out VDC	Price Each
526-R561D.5-6	F1	5VDC	SPST-NO	500	3.8	0.5	3.60
526-R56-1D.5-6D	F2	5VDC	SPST-NO	500	3.8	0.5	4.80
526-R56-7D.5-6	F3	5VDC	DPST-NO	200	3.8	0.5	5.35
526-R56-7D.5-12	F3	12VDC	DPST-NO	500	9.0	1.0	5.50
526-R56-7D.5-24	F3	4VDC	DPST-NO	2200	18	2.0	5.90

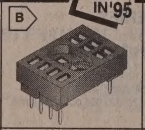
GENERAL PURPOSE DIP REED RELAYS, DC OPERATED R57 SERIES

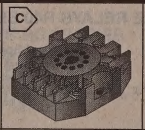
Electrical Specifications:
- Separate time: 400µS max.
- Release time: 75µS max.
- Current: .50A max.

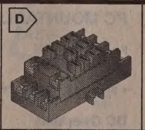
526-R57-1D.5-12	F1	12VDC	SPST-NO	1200	9.0	1.0	5.09

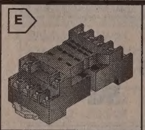
NEW IN'95

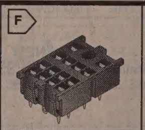


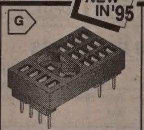












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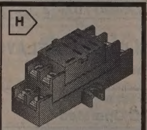
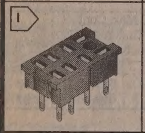
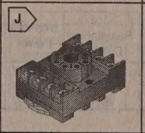
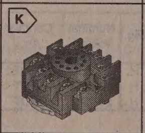
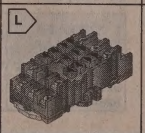
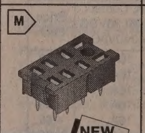


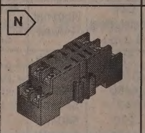


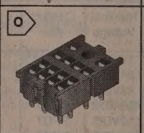


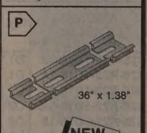












NEW IN'95

SOCKET ACCESSORIES

NEW IN'95

MOUSER STOCK NO.	Fig.	Description	Electrical Rating Volts	Electrical Rating Amps	Price Each
526-R95-101	A	8-Pin octal socket	600	10	4.51
526-R95-102	B	10-Pin PC board mount	1000	5	2.18
526-R95-104	C	11-Pin octal socket	600	10	7.92
526-R95-105	D	11-Pin square base socket	300	10	8.68
526-R95-106A	E	14-Pin miniature socket	300	7	7.73
526-R95-107	F	14-Pin blade socket	120	5	1.48
526-R95-108	G	16-Pin panelmount	1000	10	2.70
526-R95-110	H	8-Pin midget blade socket	300	10	7.36
526-R95-111	I	8-Pin midget blade socket	300	10	1.76

MOUSER STOCK NO.	Fig.	Description	Electrical Rating Volts	Electrical Rating Amps	Price Each
526-R95-113	J	8-Pin octal socket	300	10	4.06
526-R95-114	K	11-Pin octal socket	300	10	5.48
526-R95-115	L	11-Pin square base socket	300	10	6.60
526-R95-117	E	14-Pin miniature socket	300	7	7.19
526-R95-120	M	8-Pin PC board mount	300	10	1.54
526-R95-121	N	8-Pin midget blade socket	300	10	5.21
526-R95-122	O	14-Pin blade socket	120	5	1.15
526-R95-125	P	Pre-punched Alum. DIN rail	- - -	- - -	5.69
526-R95-001	- - -	Hold down clip	- - -	- - -	1.60

NEW IN'95

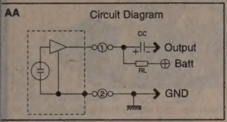
RELAY SELECTOR GUIDE AND CROSS REFERENCE

Cross reference guide containing over 15,000 original type numbers from 166 manufacturers. NTE offers an exclusive two-year warranty with the purchase of any NTE relay.

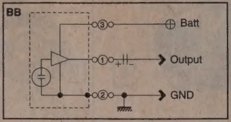
MOUSER STOCK NO.	Price Each
526-RC003	2.95

KOBITONE™ AUDIO COMPANY Microphone Elements and Earphones

MNI - DIRECTIONAL ELECTRET CONDENSER MICROPHONE ELEMENTS

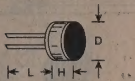


Impedance is same value as RL



Impedance is 2KΩ

A



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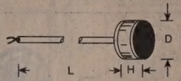

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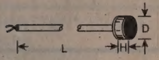

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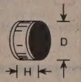


Features:

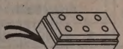
- Omni- directional
- Less than 1mA current drain
- More than 40dB signal-to-noise ratio
- Operates from 2 to 10VDC
- Solid aluminum housings

MOUSER STOCK NO.	Fig.	Circuit Diagram	Frequency Response (Hz)	Sensi-tivity (dB)	Lead Length (L)	Dimensions (In)		Price Each				
						Dia.	Ht.	1	10	100	500	1000
25LM040	A	AA	50 - 13K	-64	.24	.39	.35	1.67	1.27	1.17	1.09	Call
25LM041	B	AA	50 - 10K	-64	5.9	.39	.22	2.93	2.44	2.22	2.02	For
25LM042	C	AA	50 - 10K	-64	5.9	.26	.22	3.61	3.01	2.74	2.49	Quote
25LM043	D	AA	20 - 12K	-64	- - -	.39	.27	1.32	1.07	.97	.88	
25LM045	B	AA	20 - 12K	-64	5.9	.39	.27	2.29	1.78	1.61	1.46	
25LM046	D	AA	50 - 15K	-65	- - -	.197	.098	6.34	5.28	4.80	4.36	
25LM044	B	BB	50 - 10K	-64	11.75	.39	.29	3.29	2.74	2.49	2.26	
25LM047	D	BB	50 - 10K	-64	- - -	.39	.29	3.24	2.70	2.45	2.23	
25LM048	A	BB	50 - 10K	-64	.98	.39	.29	3.35	2.79	2.54	2.31	
25LM051	B	BB	50 - 10K	-64	5.9	.39	.29	3.29	2.74	2.49	2.26	
252LM041	D	AA	50 - 8K	-64	- - -	.39	.22	2.76	2.30	2.09	1.90	Call
252LM042	D	AA	50 - 10K	-64	- - -	.255	.22	3.29	2.74	2.49	2.26	For
252LM049	A	AA	20 - 12K	-64	.40	.39	.27	1.89	1.55	1.40	1.26	Quote

CRYSTAL AND CERAMIC MICROPHONE ELEMENTS

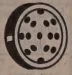
A wide variety of precision made aluminum high impedance cartridges can be used in a variety of OEM applications

A



With leads

B



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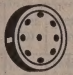

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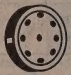

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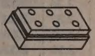

Without leads

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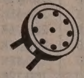
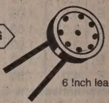


1 Inch solid leads

G



6 Inch leads

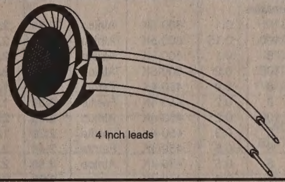
MOUSER STOCK NO.	Fig.	Type Element	Frequency Response (Hz)	Imped-ance (Ω)	Sensi-tivity (dB)	Dimensions (In)		Price Each				
						Dia.	Ht.	1	10	100	500	1000
25LM021	A	Ceramic	100-7K	7K	-70	.85 x .59	.34	3.90	3.25	2.95	2.68	Call
25LM022	B	Crystal	50-8K	25K	-55	1.38	.46	3.58	2.98	2.71	2.46	For
25LM023	C	Ceramic	30-15K	8K	-60	1.0	.39	3.72	3.10	2.82	2.56	Quote
25LM024	D	Crystal	50-8K	9K	-55	2.0	.65	4.22	3.52	3.20	2.91	
25LM025	D	Crystal	30-15K	12K	-55	1.0	.42	3.90	3.25	2.95	2.68	
25LM030	E	Ceramic	100-7K	7K	-70	.85 x .59	.34	3.59	2.99	2.71	2.46	Call
25LM036	F	Ceramic	30-15K	8K	-60	1.0	.39	3.96	3.30	3.00	2.73	For
25LM037	G	Ceramic	30-15K	8K	-60	1.0	.39	3.96	3.30	3.00	2.73	Quote

DYNAMIC MICROPHONE ELEMENTS

- Can be used for a variety of OEM applications.
- Can be used as replacement cartridges.
- Low impedance

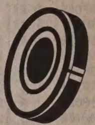
MOUSER STOCK NO.	Fig.	Magnet Type	Frequency Response (Hz)	Imped-ance (Ω)	Sensi-tivity (dB)	Dimensions (In)		Price Each			
						Dia.	Ht.	1	10	100	500
25LM026	A	Alnico	60-12K	500	-68	1.1	.51	5.10	4.31	3.92	Call
25LM032	B	Ferrite	100-20K	500	-97	1.2	.41	3.08	2.57	2.38	For
25LM035	B	Ferrite	150-12K	32	-80	1.1	.35	3.53	2.87	2.65	Quote

A



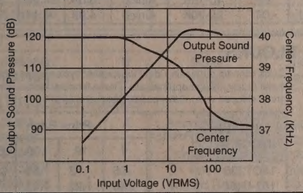
4 Inch leads

B

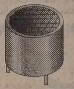


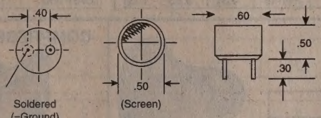
ULTRASONIC TRANSDUCER

This transducer is a combination transmit and receive device designed to operate at 40KHz.
input - output sound pressure characteristics (transmit)



DIMENSIONS (IN.)





Specifications	Receiver	Transmitter
Center Frequency	40KHz ±1.0KHz	40KHz ±1.0KHz
Transmitting (dB) Sensitivity	• • • •	105
Receiving Sensitivity (dB/V/Ubar)	-53	• • • •
Capacitance (pF)	2,600	2,600
Current Rating	40 mA Min., 50 mA Max.	

MOUSER STOCK NO.	Max Input (Volts)	Price Each			
		1	10	50	100
251-1603	20	7.56	6.30	5.72	Call

EARPHONES

MOUSER STOCK NO.	Fig.	Type	Impedance (Ω)	Plug	Cord Length (Ft)	Color	Price Each			
							1	10	100	500
25CR025	A	Crystal	2K-10K	2.5mm	3	Tan	1.77	1.49	1.36	Call
25CR035	A	Crystal	2K-10K	3.5mm	3	Tan	1.83	1.57	1.43	For
25CR060	A	Crystal	2K-10K	Tinned	3	Tan	1.81	1.51	1.37	Quote
25DE024	B	Dynamic	8±20%	2.5mm	6	Gray	1.40	1.08	.98	
25DE025	C	Dynamic	8±20%	2.5mm	3	White	.78	.65	.59	
25DE026	C	Dynamic	8±20%	2.5mm	6	White	.83	.69	.62	
25DE027	C	Dynamic	8±20%	2.5mm	3	Black	.78	.65	.59	
25DE028	D	Dynamic	15±20%	2.5mm	6	Flesh	.99	.79	.71	
25DE034	B	Dynamic	8±20%	3.5mm	6	Gray	1.29	1.08	.98	
25DE035	B	Dynamic	8±20%	3.5mm	3	Gray	1.16	.97	.90	
25DE036	D	Dynamic	8±20%	3.5mm	3	Flesh	.99	.76	.69	Call
25DE038	D	Dynamic	15±20%	3.5mm	6	Flesh	1.28	1.07	.97	For
25DE039	D	Dynamic	1K±20%	3.5mm	3	Flesh	1.14	1.00	.91	Quote

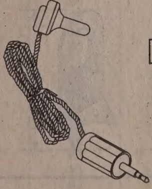
* Earphones not for use with Replacement Ear Support

Replacement Ear Support

Minimum order = 5 pieces

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
25DE001	E	White ear support	.11	.09	.06	Call
25DE002	E	Flesh ear support	.11	.09	.06	

A



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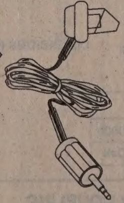
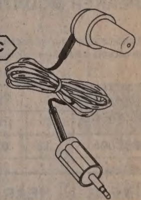
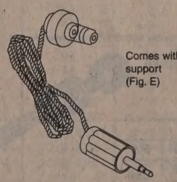


Curved earpiece, comfortable, stays in ear without ear support

C

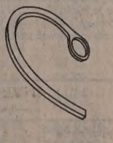


D



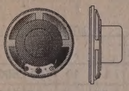
Comes with ear support (Fig. E)

E



Replacement ear support

Speakers and Speaker Accessories

A


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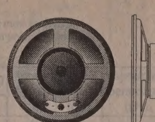

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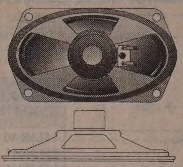

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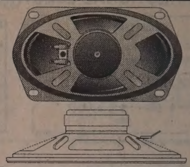

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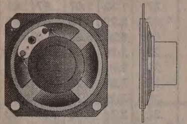

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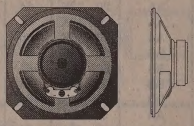

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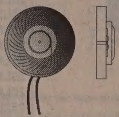

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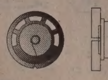

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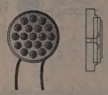


KOBITONE™ AUDIO COMPANY

Features:
- High quality speakers
- Sturdy open-frame construction
- Braided copper voice coil leads
- Pre-tinned speaker lugs

Round Speakers

MOUSER STOCK NO.	Fig.	Size (In.)	Depth (In.)	Imp. (Ω)	Peak Power (W)	Frequency Response (Hz)	Magnet Type	Price Each 1	10	100
Standard Performance Speakers										
253-2015	A	1.57	.64	8	0.2	700-5K	Alnico	2.11	1.71	1.51
253-2115	A	1.57	.64	100	0.2	700-5K	Alnico	2.18	1.78	1.59
253-2020	A	2.0	.73	8	0.2	500-5K	Alnico	2.18	1.82	1.65
253-2121	A	2.0	.74	100	0.2	500-5K	Alnico	2.21	1.83	1.67
253-4020	B	2.0	.67	8	0.2	500-5K	Ferrite	1.87	1.57	1.42
253-2022	A	2.25	.79	8	0.3	400-4.5K	Alnico	2.23	1.83	1.67
253-2025	A	2.50	.85	8	0.5	330-5K	Alnico	2.25	1.85	1.74
253-2030	A	3.0	.94	8	0.5	280-5K	Alnico	1.99	1.66	1.43
Top Quality Communications Speakers										
25SP015	A	1.5	.65	8	0.1	800-5K	Alnico	2.86	2.39	2.17
25SP007	A	1.5	.65	100	0.15	800-5K	Alnico	2.99	2.51	2.28
25SP009	A	1.75	.64	8	0.1	800-5K	Alnico	2.89	2.40	2.18
25SP008	A	2.0	.73	100	0.2	800-5K	Alnico	2.76	2.29	2.09
25RF120	B	2.0	.68	8	0.2	450-4K	Ferrite	2.34	1.96	1.77
25RF121	B	2.25	.74	8	0.2	450-4K	Ferrite	2.38	1.98	1.80
25SP029	A	2.25	.87	100	0.2	450-4K	Alnico	2.89	2.35	2.15
25RF122	B	2.5	.80	8	0.3	450-4K	Ferrite	2.39	1.99	1.81
25RF123	B	2.75	.83	8	0.5	450-4K	Ferrite	2.44	2.04	1.85
25SP027	A	2.75	.88	8	0.5	450-4K	Alnico	2.89	2.38	2.19
25SP005	A	2.75	.88	40	0.5	450-4K	Alnico	2.99	2.59	2.35
25SP017	A	3.0	.88	40	0.5	450-4K	Alnico	3.21	2.68	2.37
25RF124	B	3.0	.91	8	0.5	450-4K	Ferrite	2.44	2.05	1.86

Oval Speakers

MOUSER STOCK NO.	Fig.	Size (In.)	Depth (In.)	Imp. (Ω)	Peak Power (W)	Frequency Response (Hz)	Magnet Type	Price Each 1	10	100
25SP101	C	3x5	1.42	8	1.0	230-10K	Alnico	5.67	4.73	4.36
253-4350	D	3x5	1.42	8	2.0	450-5K	Ferrite	4.31	3.59	3.31

Square Speakers

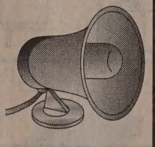
MOUSER STOCK NO.	Fig.	Size (In.)	Depth (In.)	Imp. (Ω)	Peak Power (W)	Frequency Response (Hz)	Magnet Type	Price Each 1	10	100
Standard Performance Speakers										
253-2120	E	2.0	.77	8	0.2	450-4.5K	Alnico	2.23	1.86	1.71
253-2032	E	3.0	1.06	40	0.8	220-15K	Alnico	2.34	2.12	1.83
253-2130	E	3.0	1.08	8	0.8	220-15K	Alnico	2.32	2.03	1.82
253-4130	F	3.0	1.02	8	0.8	200-15K	Ferrite	1.91	1.65	1.51
253-2040	E	4.0	1.36	8	1.5	150-12K	Alnico	3.30	2.57	2.31
253-2041	E	4.0	1.50	8	2.0	160-12K	Alnico	3.94	3.29	2.99
Top Quality Communications Speakers										
25SP016	E	1.57	.62	8	0.1	450-5K	Alnico	2.78	2.32	2.13
25SP003	E	2.0	.75	8	0.2	450-5K	Alnico	2.79	2.33	2.14
25SP023	E	2.0	.75	100	0.2	450-5K	Alnico	2.99	2.48	2.26
25SP104	E	2.25	.75	8	0.2	400-4.5K	Alnico	2.81	2.34	2.19
25SP105	E	2.5	.87	8	0.2	350-4.5K	Alnico	2.82	2.35	2.20
25SP030	E	3.0	1.16	8	0.5	250-5K	Alnico	2.90	2.54	2.27
25SF236	F	3.62	1.06	8	1.0	250-5K	Ferrite	2.72	2.27	2.06
25SP035	E	3.5	1.19	8	0.8	250-5K	Alnico	3.23	2.69	2.45
25SP004	F	4.0	1.46	8	3.0	180-10K	Ferrite	5.19	4.33	3.94
25SF237	F	4.0	1.30	8	1.0	180-10K	Ferrite	3.14	2.67	2.43

Mylar Speakers

MOUSER STOCK NO.	Fig.	Size (In.)	Depth (In.)	Imp. (Ω)	Peak Power (W)	Frequency Response (Hz)	Magnet Type	Price Each 1	10	100
253-3015	A	1.57	.64	8	0.1	800-4.5K	Alnico	2.68	2.37	2.20
253-3020	A	2.0	.73	8	0.2	500-4.5K	Alnico	2.98	2.60	2.32
25RF006	H	1.06	.35	8	0.2	500-5K	Ferrite	2.85	2.38	2.16
25SP222	G	1.57	.32	32	.04	20-20K	Alnico	4.93	4.11	3.74
25SP224	G	1.57	.39	32	.04	180-18K	Ferrite	2.99	2.49	2.29
25SP223	I	1.06	.27	32	.04	40-18K	Alnico	5.09	4.24	3.85
25SP500	G	1.57	.32	600	.04	20-20K	Alnico	4.93	4.11	3.74

EXTERNAL PAGING SPEAKER 10 WATT

- Weatherized for outdoor use
- Great for automobile sound or public address

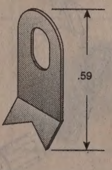


MOUSER STOCK NO.	Size (In)	Imp. (Ω)	Frequency Response (Hz)	Price Each 1	10	50	100
25AE210	5 x 5	8	400-7000	14.30	12.36	11.24	Call
556-WP12	5 x 8	8	350-13000	26.00	23.75	22.00	

SPEAKER MOUNTING CLIP

For panel mounting of speakers. Slotted mounting hole accepts a #4 screw (not included).

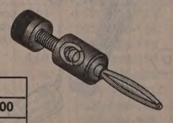
DIMENSIONS (IN.)



MOUSER STOCK NO.	Price Each 1	100	1000	10000
48SC004	.12	.038	.033	Call

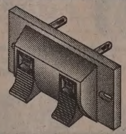
DELTRON REAR SPEAKER COUPLING

This 4mm gold plated plug accepts cable up to 7.5mm in diameter and is ideally suited for rear termination of speakers with cabinets up to 20mm thick. The speaker connection can be terminated in two ways, through a 4mm hole in the knurled screw or, through the main hole, in each case, clamping it with the knurled screw.



MOUSER STOCK NO.	Color	Price Each 1	10	100	500
174-5761	Black band	4.95	4.49	4.08	Call
174-5765	Red band	4.95	4.49	4.08	

COMPRESSION TERMINAL BLOCKS



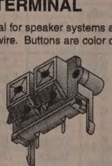
Quick connect terminals. Ideal for speaker systems and other audio or low voltage applications. These terminal blocks firmly grasp stripped wire. Color coded (black and red)

MOUSER STOCK NO.	Position	Price Each 1	10	100	500
15CT200	2	.95	.73	.66	Call
151-0400	4	1.46	1.22	1.12	

COMPRESSION TERMINAL

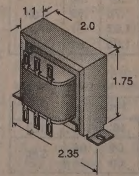
Printed circuit terminals. Ideal for speaker systems and other audio or low voltage applications. These terminal blocks firmly grasp stripped wire. Buttons are color coded black and red.

Features:
- PCB mount
- Contacts: tin plated
- ABS plastic



MOUSER STOCK NO.	Price Each 1	10	100	500
151-0300	.64	.49	.45	Call

AUDIO LINE MATCHING TRANSFORMERS



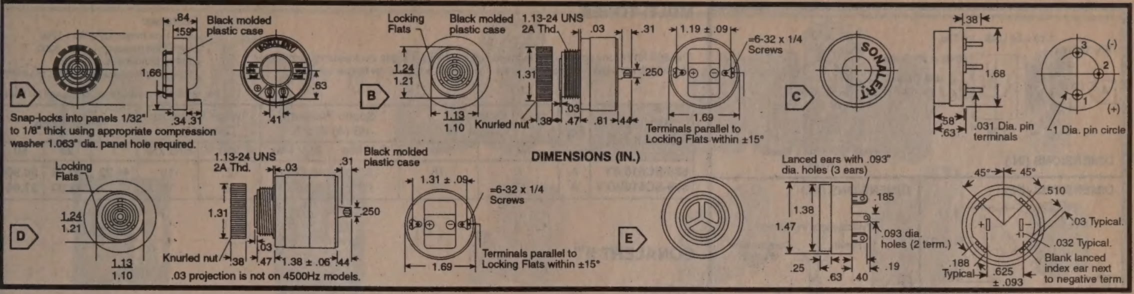
DIMENSIONS (IN.)

- Matches 4 or 8 Ω to 70 volt line
- 100Hz to 10KHz response
- Solder lug terminals
- Constant voltage line-to-voice coil

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1	10	100
42KB001	.625, 1.25, 2.5, 5, and 10W taps	8.38	7.20	6.55

Sonalert® Audible Signal Devices


A
.84
.59
Black molded plastic case
1.66
.63
.34 .31
.41
Snap-locks into panels 1/32" to 1/8" thick using appropriate compression washer 1.063" dia. panel hole required.
B
Locking Flats
Black molded plastic case
1.13-24 UNS 2A Thd.
.03
.31
1.24
1.21
1.31
.250
1.13
1.10
Knurled nut
.38
.47
.81
.44
1.19 ± .09
=6-32 x 1/4 Screws
1.69
Terminals parallel to Locking Flats within ±15°
C
.38
1.68
.58
.63
.031 Dia. pin terminals
3 (-)
2
1 (+)
1 Dia. pin circle
D
Locking Flats
1.13-24 UNS 2A Thd.
.03
.31
Black molded plastic case
1.24
1.21
1.31
.250
.03
1.13
1.10
Knurled nut
.38
.47
1.38 ± .06
.44
.03 projection is not on 4500Hz models.
1.31 ± .09
=6-32 x 1/4 Screws
1.69
Terminals parallel to Locking Flats within ±15°
DIMENSIONS (IN.)
E
Lanced ears with .093" dia. holes (3 ears)
.185
1.38
1.47
.093 dia. holes (2 term.)
.25
.63
.40
.19
45°
45°
.510
.03 Typical.
.032 Typical.
Blank lanced index ear next to negative term.
.188 Typical
.625 ± .093

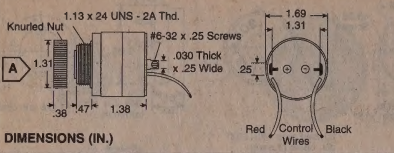
INTERMITTENT TONES

*

Fast Pulse

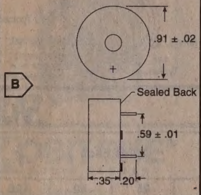
MOUSER STOCK NO.	Fig.	Mounting Method	Frequency ±500 (Hz)	Operating Voltage • AC/DC Non-Polar All others DC only		Sound Pressure dB (A) @ 2 ft.		Typical Operating Current (mA)		Price Each			
				Min.	Max.	@ V Min.	@ V Max.	@ Min. V	@Max. V	1	25	50	100
539-SNP616P	A	Snap in Panel	2900	6	16	65	75	1	5	16.98	15.62	14.26	Call For Quote
539-SBM616P	C	Printed Board	2900	6	16	68	78	1	4	15.43	14.19	12.96	
539-SC616NP	B	Panel	2900	6	16	80	95	4	16	21.93	20.22	18.25	
539-SC628AP	D	Panel	2900	• 6	• 28	68	80	4	16	33.62	30.94	28.25	
539-SC628ANP	D	Panel	2900	• 6	• 28	80	95	8	28	34.40	31.65	28.90	
539-SC628P	D	Panel	2900	6	28	68	80	6	22	22.39	20.67	18.80	
539-SC110NP	D	Panel	2900	• 30	• 120	80	95	8	28	34.40	31.65	28.90	
539-SC110HP	D	Panel	4500	• 30	• 120	68	80	4	16	38.25	35.19	32.13	
539-SC110P	D	Panel	2900	• 30	• 120	68	80	6	21	34.85	32.15	29.04	
539-SC250P	D	Panel	2900	• 60	• 250	68	78	4	16	33.62	30.94	28.25	
Slow Pulse													
539-SNP616J	A	Snap in Panel	2900	6	16	65	75	1	5	16.98	15.62	14.26	Call For Quote
539-SC616NJ	B	Panel	2900	6	16	80	95	4	16	20.83	19.16	17.49	
539-SBM616J	C	Printed Board	2900	6	16	68	78	1	4	15.43	14.19	12.96	
539-SC628J	D	Panel	2900	6	28	68	80	6	22	21.60	19.87	18.14	
539-SC628AJ	D	Panel	2900	• 6	• 28	68	80	4	16	33.62	30.94	28.28	
539-SC110NJ	D	Panel	2900	• 30	• 120	80	95	8	28	34.38	31.64	28.90	
539-SC110J	D	Panel	2900	• 30	• 120	68	80	6	21	33.62	30.94	28.25	
Short Pulse													
539-SC628K	D	Panel	2900	6	28	68	80	3	14	21.60	19.87	18.14	Call
539-SC110K	D	Panel	2900	• 30	• 120	68	80	6	22	35.33	32.50	29.67	
Dual Mode Operation (Continuous or Fast Pulse)													
539-SC616PU	D	Panel	2900	6	16	68	78	3	12	20.83	19.16	17.49	Call For Quote
539-SC616PU-1	D	Panel	2900	6	16	68	80	3	12	21.60	19.87	18.14	
539-SC616NPU	D	Panel	2900	6	16	80	90	4	16	28.00	25.76	23.52	
539-SBM616PU	C	Printed Board	2900	6	16	68	78	3	12	18.52	17.04	15.56	
Chime Tone (Medium)													
539-SC616CP	D	Panel	2900	6	16	68	78	3	8	26.23	24.13	22.03	Call
Chirp													
539-SC616Q	B	Panel	2900	6	16	68	78	1	4	20.83	19.16	17.49	Call
539-SC110Q	B	Panel	2900	30AC	120AC	68	80	6	22	18.52	17.04	15.56	
CONTINUOUS TONES													
539-SNP2	A	Snap in Panel	2900	1	5	55	68	2	12	14.65	13.48	12.31	Call For Quote
539-SC105	B	Panel	2900	1	5	60	75	3	16	15.43	14.19	12.96	
539-SBM2	C	Printed Board	2900	1	5	55	68	3	16	12.35	11.36	10.37	
539-SC307N	B	Panel	2900	3	7	80	90	3	8	23.15	21.30	19.45	
539-SBM428	C	Printed Board	2900	4	28	64	78	3	16	12.35	11.36	10.37	
539-SC628	B	Panel	2900	6	28	68	80	3	18	14.26	13.75	13.26	
539-SC628A	D	Panel	2900	• 6	• 28	68	80	6	23	21.95	19.81	19.15	
539-SC628AD	D	Panel	1900	• 6	• 28	60	75	4	16	28.55	26.27	23.98	
539-SC628AN	D	Panel	2900	• 6	• 28	80	95	8	28	32.40	29.81	27.22	
539-SC628AH	D	Panel	4500	• 6	• 28	68	80	4	16	28.55	26.27	23.98	
539-SC628D	B	Panel	1900	6	28	60	75	6	23	18.65	17.11	15.69	
539-SC628H	B	Panel	4500	6	28	68	80	6	23	18.39	16.95	15.30	
539-SC628W	D	Panel	2900	6	28	68	80	3	16	21.93	20.22	18.80	
539-SC648	B	Panel	2900	10	48	68	80	5	22	15.99	14.76	13.30	
539-SC648AD	D	Panel	1900	• 10	• 48	60	75	4	16	28.55	26.27	23.98	
539-SC648A	D	Panel	2900	• 10	• 48	68	80	4	16	23.75	21.85	19.95	Call For Quote
539-SC648AH	D	Panel	4500	• 10	• 48	68	80	4	16	28.55	26.27	23.98	
539-SC616N	B	Panel	2900	6	16	80	95	4	16	20.35	18.90	17.30	
539-SC110	D	Panel	2900	• 30	• 120	68	80	6	21	21.95	19.92	19.15	
539-SC110H	D	Panel	4500	• 30	• 120	68	80	6	21	28.78	26.29	24.65	
539-SC110E	D	Panel	1900	30	120	55	65	3	14	28.22	25.97	23.71	
539-SC110D	D	Panel	1900	• 30	• 120	60	75	6	21	28.55	26.27	23.98	
539-SC110N	D	Panel	2900	• 30	• 120	80	95	8	28	32.40	29.81	27.22	
539-SC250D	D	Panel	1900	• 60	• 250	60	72	4	16	28.55	26.27	23.98	
539-SC250	D	Panel	2900	• 60	• 250	68	80	4	16	23.75	21.85	19.95	
539-SC250F	D	Panel	2900	60	250	55	65	1	4	26.23	24.13	22.03	
539-SC1.5	E	Twist Tab	3500	.1	4	60 @ 1.5V	60 @1.5V	4 @ 1.5V	4 @ 1.5V	15.99	14.76	13.30	Call For Quote
539-SC6	E	Twist Tab	3500	4	8	68 @ 6V	68 @ 6V	12 @ 6V	12 @ 6V	15.99	14.76	13.30	
539-SC12	E	Twist Tab	3500	8	15	70 @ 12V	70 @ 12V	14 @ 12V	14 @ 12V	15.99	14.76	13.30	
539-SC24	E	Twist Tab	3500	20	30	70 @ 24V	70 @ 24V	16 @ 12V	16 @ 12V	15.43	14.19	12.96	
539-SNP428	A	Snap in Panel	2900	4	28	64	78	3	18	12.20	11.82	11.42	

Sonalert® Audible Signal Devices

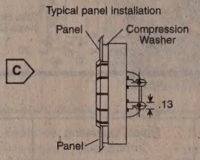

A
1.13 x 24 UNS - 2A Thd.
Knurled Nut
#6-32 x .25 Screws
.030 Thick
x .25 Wide
1.31
.38
.47
1.38
1.69
1.31
.25
Red
Control
Wires
Black

DIMENSIONS (IN.)

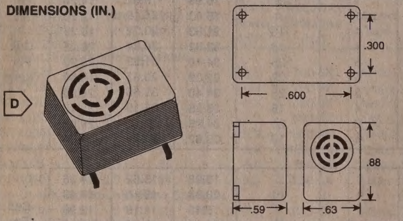
DIMENSIONS (IN.)


B
.91 ± .02
Sealed Back
.59 ± .01
.35
.20

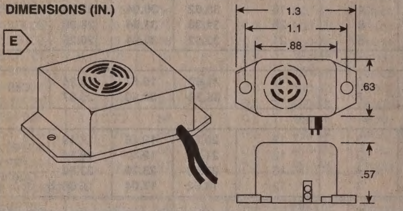
DIMENSIONS (IN.)


C
Typical panel installation
Panel
Compression
Washer
.13
Panel

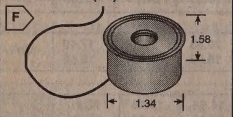
DIMENSIONS (IN.)

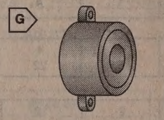

D
.300
.600
.88
.59
.63

DIMENSIONS (IN.)

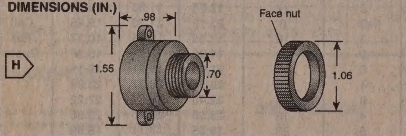

E
1.3
1.1
.88
.63
.57

DIMENSIONS (IN.)



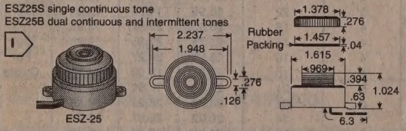


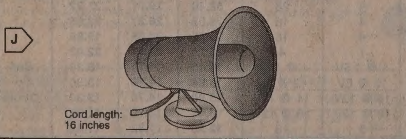
DIMENSIONS (IN.)


H
.98
1.55
.70
Face nut
1.06

DIMENSIONS (IN.)

Tone:
ESZ25S single continuous tone
ESZ25B dual continuous and intermittent tones


I
1.378
.276
Rubber
Packing
1.457
.04
2.237
1.948
1.615
.969
.394
.276
.126
.63
1.024
6.3
ESZ-25


J
Cord length:
16 inches

MULTI-TONES

The SC616WY tone patterns are pulsated high frequency, pulsate low frequency, and warble. The SC616WXY has two additional tones - continuous high and low frequency.

Features:
- Low tone frequency ±500: 1750
- High tone frequency ±500: 3000
- Pulse rate per sec.: .5 - 1.2
- Operating temperature: -30°C to +65°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Operating Voltage (V)		Sound Pressure dB (A) @ 2 ft.		Typical Operating Current (mA)		Price Each		
		Min.	Max.	@ V Min.	@ V Max.	@ Min. V	@Max. V	1	25	50
539-SC616WY	A	6	16	60	72	2	18	44.22	40.78	38.90
539-SC616WXY	A	6	16	60	72	2	18	45.07	42.00	37.66

SONALERT II™

Features:
- Low power consumption
- Low cost
- Low profile and compact
- Piezo tone quality
- Made in the USA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Minimum Sound Pressure (dB/2 ft.)	Rated Voltage	Maximum Current	Price Each		
						1	25	50
539-MSR320	B	Sonalert PC 3-20V	75 @ 12V	3-20VDC	3-16mA @ 3-20VDC	3.15	2.52	2.31

COMPRESSION WASHERS

- Material: Black ester foam
- Compression 5:1
- Size 1.06" I.D. x 1.50" O.D.
- For mounting 539-SNP428. Refer to page 243 for Continuous tone panel mount Sonalerts.

MOUSER STOCK NO.	Fig.	Washer Thickness	Panel Thickness	Price Each			
				2	25	50	100
539-PW1	C	.063	11-12 GA (.125-.109)	.11	.10	.09	Call
539-PW2	C	.125	13-17 GA (.093-.056)	.17	.16	.15	For
539-PW3	C	.187	18-22 GA (.050-.031)	.24	.22	.21	Quote

AUDIO INDICATOR COMPONENTS

Solid State Buzzers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Voltage DC	Operating Voltage (V) DC		Sound Pressure dB (A) @ 2 ft.	Current Drain (mA)	Price Each		
			Min.	Max.			1	10	100
251-0012	D	12	8	16	75	25	2.96	2.47	2.24
25MS030	E	3	1.5	4	80	25	2.61	2.18	1.98
25MS060	E	6	3	9	80	25	2.61	2.18	1.98
25MS120	E	12	6	16	80	25	2.61	2.18	1.98

MINIATURE DC BUZZERS

MOUSER STOCK NO.	Fig.	Operating Voltage (V)		Current Drain (mA)	Price Each			
		Min.	Max.		1	10	100	500
25BL006	F	3.0DC	6.0DC	100	3.28	2.71	2.42	Call
25BL012	F	7.0DC	12.0DC	60	3.28	2.71	2.42	

* UL

PIEZO-A-LERT

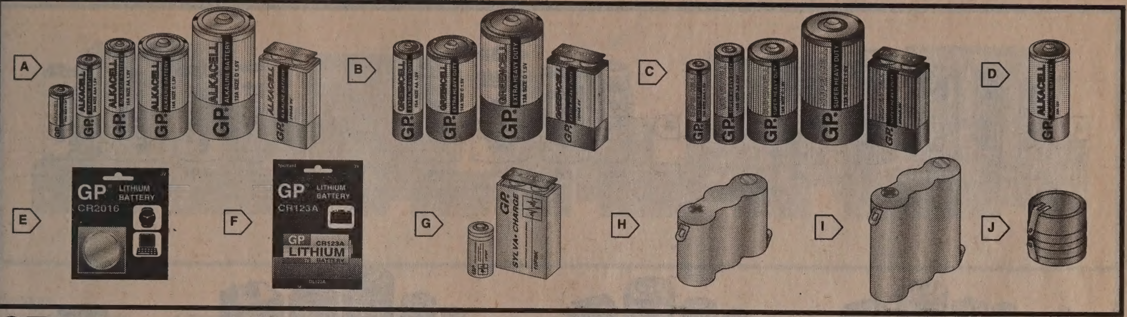
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Voltage DC	Operating Voltage (V)		Sound Pressure dB (A) @ 2 ft.		Current Drain (mA)	Price Each		
			Min.	Max.	@ V Min.	@ V Max.		1	10	100
* 507-PAL328	G	W/out face nut	3.0DC	28.0DC	68	100	20	6.54	6.16	5.97
* 507-PAL328N	H	W/face nut	3.0DC	28.0DC	68	100	20	7.67	7.22	6.99
507-ESZ25S	I	Single tone	3.0DC	28.0DC	68	100	20	8.24	7.73	7.47
507-ESZ25B	I	Dual tone	3.0DC	28.0DC	68	100	20	10.64	9.98	9.64

ELECTRONIC SIREN

- Great for home, auto, and boat alarm systems
- Standard 6 to 12 volt power requirements allow use with 6, 7 1/2, 8, 9, and 12 volt systems

MOUSER STOCK NO.	Fig.	Size (In.)	Operating Voltage (V)		Current Drain (mA)	Price Each			
			Min.	Max.		1	10	50	100
25BR520	J	5.25 x 6	6DC	12DC	600	29.49	22.49	20.65	Call



GP ALKACELL (Top Performance Alkaline)

Reduced mercury content (less than .025% of total weight)
Long storage life
Lasts up to seven times as long as ordinary carbon-zinc batteries

MOUSER STOCK NO.	Fig.	Size	Volts	Standard Pack Quantity	Price Per Battery			
					1	100	500	1000
573-910A	A	N	1.5	1	.86	.65	.60	Call For Quote
573-24A	A	AAA	1.5	2	.60	.45	.40	
573-15A	A	AA	1.5	4	.59	.39	.33	
573-14A	A	C	1.5	2	1.28	.96	.80	
573-13A	A	D	1.5	1	1.43	1.24	1,20	
573-1604A	A	9V	9.0	1	1.58	1.25	1.20	

GP GREENCELL (Extra Heavy Duty Zinc Chloride, 0% Mercury)

A technological breakthrough containing 0% mercury
More powerful than ordinary carbon zinc batteries
Long lasting means less waste and can be recycled

MOUSER STOCK NO.	Fig.	Size	Volts	Standard Pack Quantity	Price Per Battery			
					1	100	500	1000
573-24G	B	AAA	1.5		.39	.24	.23	Call For Quote
573-15G	B	AA	1.5	4	.40	.31	.23	
573-14G	B	C	1.5	2	.58	.45	.36	
573-13G	B	D	1.5	2	.72	.60	.53	
573-1604G	B	9V	9.0	1	.99	.79	.69	

GP SUPERCELL (Heavy Duty Carbon Zinc)

For all electronic applications
High performance you can afford
Good storage life
Extended service life

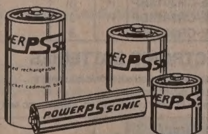
MOUSER STOCK NO.	Fig.	Size	Volts	Standard Pack Quantity	Price Per Battery			
					1	100	500	1000
573-15S	C	AA	1.5	4	.31	.21	.19	Call For Quote
573-14S	C	C	1.5	2	.47	.37	.30	
573-13S	C	D	1.5	2	.60	.48	.40	
573-1604S	C	9V	9.0	1	.74	.58	.48	

pring Top (Figure Not Shown)

MOUSER STOCK NO.	Fig.	Size	Volts	Standard Pack Quantity	Price Per Battery			
					1	6	12	24
573-908S	- - -	Lantern	6.0	1	2.64	2.38	1.94	Call

POWER PS SONIC RECHARGEABLE BATTERIES

Also available with solder tabs or wire leads.
Contact a Mouser service representative for details.



ickel-Cadmium (Standard Button Top Cells)

MOUSER STOCK NO.	Cell Size	Nominal Voltage	Capacity 5 Hour Rate (mAh)	Std. Charge		Price Each			
				(mA)	(HRS)	1	10	20	50
47-PS-N	N	1.2	150	15	15	2.15	1.95	1.74	Call For Quote
47-PS-AAA	AAA	1.2	180	18	15	2.15	1.95	1.74	
47-PS-AA	AA	1.2	600	50	15	1.65	1.50	1.38	
47-PS-SC	SC	1.2	1300	120	15	2.90	2.60	2.39	
47-PS-C	C	1.2	2000	180	15	5.00	4.50	4.06	
47-PS-D	D	1.2	4000	400	15	8.50	7.60	6.89	

GP HIGH VOLTAGE (Alkaline)

- Hard-to-find battery
- Photo, remote controllers, and lighter applications

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Volts	Capacity (mAh)	Price Each			
		Dia.	Ht.			1	10	100	500
573-23A	D	.39	1.12	12	33	.84	.79	.68	Call

GP LITHIUM

- Out performs alkalines
- Long service life
- For watches, calculators, computer memory back-up, and photo applications

Coin

573-CR2016	E	.79	.06	3	70	.99	.89	.79	Call For Quote
573-CR2025	E	.79	.10	3	120	.99	.89	.79	
573-CR2032	E	.79	.13	3	170	.99	.89	.79	

Photo

- Hard-to-find batteries for cameras and other equipment

MOUSER STOCK NO.	Fig.	Type	Dimensions (In.)		Volts	Capacity (mAh)	Price Each			
			Dia.	Ht.			1	10	100	500
573-CR123A	F	2/3 A	.67	1.35	3	1300	5.99	4.99	4.55	Call For Quote
573-CRP2	F	Repl-pack	.77 x 1.37 x 1.42		6	1300	9.95	8.95	7.95	
573-2CR5	F	Repl-pack	.67 x 1.77 x 1.34		6	1300	9.95	8.95	7.95	

GP NI-CAD (Rechargeable)

- Long life
- Sealed, strong, leakproof construction
- Excellent discharge characteristics

MOUSER STOCK NO.	Fig.	Size	Volts	Capacity (mAh)	Price Each			
					1	10	100	500
573-30AAK	G	2/3 AA	1.2	300	1.79	1.58	1.31	Call For Quote
573-60AAK	G	AA	1.2	600	1.52	1.43	1.38	
573-85AAK	G	AA	1.2	850	2.97	2.48	2.06	
573-15F8K	G	9V	8.4	120	7.99	6.99	6.29	

GP NI-CAD BATTERY PACKS

Cross-Reference

Part No.: 573-30AAK3B1P (can be used for):
AT&T NOMAD 600, 800
Panasonic: KX-T3800, KX-T3805, KX-T3805-A, KX-T3805-B, KX-T3822-A, KX-T3822-B, KX-T3823, KX-T3832, KX-T3835
Sanyo: TH500, 900, TH101S, TD2000, TTH5100, TH5200, CLT6300

Part No.: 573-50AAK3B1P (can be used for):
AT&T NOMAD 200, 250, 400
COBRA: 15S, 99S, 100S/SA, 120S/SA, 130S/SA, 140S/SA, 200S, 205S/SA, 210S, 220S, 250S, 260S, 301S, 310S, 320S, 330S, 355S, 440S, 450S, 460S, 477S, 1105A, 4403, 4405S
Panasonic: 800, 3821, 3831, KX-36A, KX-T3815, KX-T3815-A, KX-T3825, KX-T3842, KX-T3845, KX-T3880, VA7020

- For cordless devices
- Solder tabs for easy hook-up

573-30AAK3B1P	H	3 x 2/3 AA	3.6	300	4.99	4.50	3.99	Call For Quote
573-50AAK3B1P	I	3 x AA	3.6	500	4.99	4.50	3.99	
573-280BNK3A1H	J	3 x button cells	3.6	280	3.99	3.88	3.11	

ULTRALIFE® LITHIUM POWER CELL BATTERY

The Ultimate In Long Life! ULTRALIFE 9-Volt Lithium Power Cells have more than twice the capacity and can last up to four times as long as premium alkaline batteries in most applications. In addition, every ULTRALIFE Battery has a shelf life of up to 10 years.

NEW!

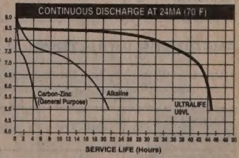
Specifications:

- Width: .674", height: 1.933", length: 1.039"
- Weight: 1.35 oz.
- Rating: 1,200 mAh
- Temperature range: -40°C to +70°C

Features:

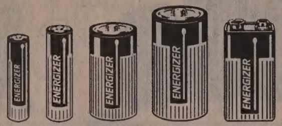
- Long shelf life - up to 10 years
- Environmentally responsible - contains no mercury, cadmium, or lead
- Ideal for medical equipment, instrumentation, security/alarm systems
- Packaged in lithium foil package

ULTRALIFE
LITHIUM POWER CELL



MOUSER STOCK NO.	Description	Price Each			
		1	12	24	48
528-U9VL-FP	9V lithium power cell battery	6.16	5.78	5.58	Call

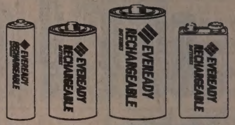
EVEREADY Batteries

A


E92 E91 E93 E95 522

B

EVEREADY
Classic
Battery
1015 935 950 216

C


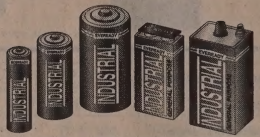
CH15 CH35 CH50 CH22

D

INDUSTRIAL
EN92 EN91 EN93 EN95 EN22

E

INDUSTRIAL
HEAVY DUTY
EV115 EV135 EV150 EV122

F


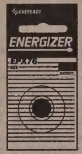
EV15 EV35 EV50 EV22 EV90

G

L91BP-2

H

EVEREADY
OverTime
Watch/Calculator Battery
No. E-CR2016
CR2016BP
CR2025BP
CR2032BP

I


A76BP
EPX76BP
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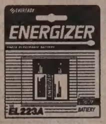

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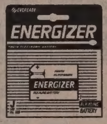

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ENERGIZER
A544
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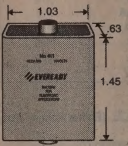

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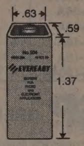

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ENERGIZER LONG LIFE ALKALINE

- Recommended for heavy drain / frequent use
- Evereadys longest lasting power source

MOUSER STOCK NO.	Fig.	Cell Size	Volts	Type	Price Each			
					1	10	100	500
525-E92	A	AAA	1.5	Alkaline	1.61	1.29	1.21	Call For Quote
525-E91	A	AA	1.5	Alkaline	1.61	1.29	1.21	
525-E93	A	C	1.5	Alkaline	2.28	1.82	1.71	
525-E95	A	D	1.5	Alkaline	2.28	1.82	1.71	
525-522	A	9V	9.0	Alkaline	4.54	3.63	3.41	

GENERAL PURPOSE BATTERIES

Recommended for low to moderate drain applications

- Economy
- Dependability
- Good shelf life

MOUSER STOCK NO.	Fig.	Cell Size	Volts	Type	Price Each			
					1	10	100	500
525-1015	B	AA	1.5	Carbon-Zinc	.63	.50	.47	Call For Quote
525-935	B	C	1.5	Carbon-Zinc	.72	.58	.54	
525-950	B	D	1.5	Carbon-Zinc	.72	.58	.54	
525-216	B	9V	9.0	Carbon-Zinc	1.44	1.15	1.08	

NICKEL-CADMIUM RECHARGEABLE BATTERIES

- Good high and low temperature performance
- Reusable hundreds of times

MOUSER STOCK NO.	Fig.	Cell Size	Volts	Nominal Capacity	Price Each			
					1	10	100	500
525-CH15	C	AA	1.2	500mAh	5.15	4.12	3.86	Call For Quote
525-CH35	C	C	1.2	1.2Ah	6.73	5.38	5.05	
525-CH50	C	D	1.2	1.2Ah	6.73	5.38	5.05	
525-CH22	C	9V	7.2	100mAh	13.48	10.78	10.11	

ENERGIZER INDUSTRIAL ALKALINE BATTERIES

- Recommended for heavy drain and extra temperature applications
- Open dated and "best if used by" dating system

MOUSER STOCK NO.	Fig.	Cell Size	Volts	Type	Price Each			
					1	25	100	500
525-EN92	D	AAA	1.5	Alkaline	1.15	.92	.86	Call For Quote
525-EN91	D	AA	1.5	Alkaline	1.15	.92	.86	
525-EN93	D	C	1.5	Alkaline	1.73	1.38	1.30	
525-EN95	D	D	1.5	Alkaline	1.94	1.55	1.46	
525-EN22	D	9V	9.0	Alkaline	3.40	2.72	2.55	

INDUSTRIAL BATTERIES

Heavy Duty

- Recommended for moderate drain applications
- Long lasting performance

MOUSER STOCK NO.	Fig.	Cell Size	Volts	Type	Price Each			
					1	25	100	500
525-EV115	E	AA	1.5	Carbon-Zinc	.56	.45	.42	Call For Quote
525-EV135	E	C	1.5	Carbon-Zinc	.70	.56	.53	
525-EV150	E	D	1.5	Carbon-Zinc	.74	.59	.56	
525-EV122	E	9V	9.0	Carbon-Zinc	1.77	1.42	1.33	

General Purpose

- Recommended for light to medium drain applications
- Economical pricing

525-EV15	F	AA	1.5	Carbon-Zinc	.46	.37	.35	Call For Quote
525-EV35	F	C	1.5	Carbon-Zinc	.60	.48	.45	
525-EV50	F	D	1.5	Carbon-Zinc	.66	.53	.50	
525-EV22	F	9V	9.0	Carbon-Zinc	1.22	.98	.92	
525-EV90	F	Lantern	6.0	Carbon-Zinc	3.12	2.93	2.83	

ENERGIZER LITHIUM PHOTO CELL

- High energy density, long life power source
- Good low and high temperature operations
- Up to a 10 year shelf life
- Package quantity: 2

525-L91BP-2	G	AA	1.5	Lithium	7.39	5.91	5.54	Call

LITHIUM COIN CELLS

- High energy density, long life power source
- 10 year estimated shelf life

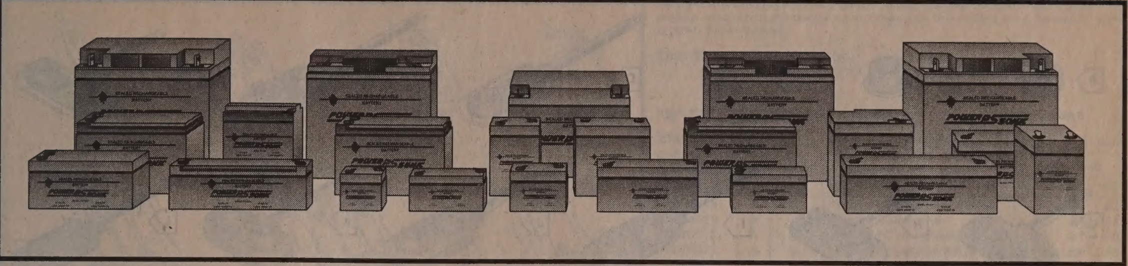
MOUSER STOCK NO.	Fig.	Volts	Thickness Dimensions (In.)	Type	Price Each			
					1	10	100	500
525-E-CR2016BP	H	3	.063	Lithium	1.89	1.51	1.42	Call For Quote
525-E-CR2025BP	H	3	.098	Lithium	1.89	1.51	1.42	
525-E-CR2032BP	H	3	.126	Lithium	1.89	1.51	1.42	

ELECTRONIC BATTERIES

- For battery powered electronic equipment
- Long life power source
- Available in silver oxide, lithium, carbon-zinc,and alkaline
- High energy density
- Long storage life

MOUSER STOCK NO.	Fig.	Volts	Type	Price Each			
				1	10	100	500
525-A76BP	I	1.5	Alkaline	1.18	.94	.89	Call For Quote
525-EPX76BP	I	1.5	Silver Oxide	3.61	2.89	2.71	
525-2L76BP	I	3.0	Lithium	4.85	3.88	3.64	
525-EL223ABP	J	6.0	Lithium	16.59	13.27	12.44	
525-539BP	K	6.0	Alkaline	4.43	3.54	3.32	
525-A544BP	L	6.0	Alkaline	4.54	3.63	3.41	
525-L544BP	L	6.0	Lithium	8.61	6.89	6.46	Call For Quote
525-411	M	15.0	Carbon-Zinc	5.36	4.29	4.02	
525-504	N	15.0	Carbon-Zinc	4.77	3.82	3.58	

POWER PS SONIC Rechargeable Batteries



Features:

- Sealed/maintenance-free
- Gel-type electrolyte
- Economical
- Long shelf life
- High discharge rate
- Overcharge protection
- Wide operating temperature range
- Deep discharge recovery
- Immobilized electrolyte may be used in any position, however, it is recommended that they not be charged in an inverted position

NEW!

Sealed Lead- Acid Batteries

- Batteries should be checked and fully charged before installation

MOUSER STOCK NO.	Nominal Voltage (V)	Nominal Capacity @ 20 Hr. Rate A.H.	Discharge Current @ 20 Hr. Rate mA	Terminal Type	Dimensions (In.)				Weight (Lbs.)	Price Each		
					Length	Width	Height	Ht. Over Terminal		1	10	50
547-PS445	4	4.5	225	Faston	1.93	2.09	3.70	3.86	1.5	**14.25**	**12.75**	
547-PS490	4	9.0	450	"250" Faston	4.02	1.73	3.70	3.86	2.4	**17.70**	**15.90**	
547-PS605	6	0.5	25	Wire Leads	2.24	0.55	1.97	1.97	.20	**11.15**	**10.00**	**Call For Quote**
547-PS610	6	1.0	50	Faston	2.00	1.65	2.00	2.20	0.6	**10.50**	**9.40**	
547-PS612	6	1.2	60	Faston	3.82	0.94	2.00	2.13	0.6	**9.35**	**8.35**	
547-PS620	6	2.0	100	Faston	2.95	2.00	2.09	2.28	1.1	**13.60**	**12.15**	
547-PS630	6	3.0	150	Faston	5.28	1.34	2.35	2.56	1.5	**14.90**	**13.35**	
547-PS640	6	4.0	200	Faston	2.76	1.89	4.02	4.25	1.8	**12.10**	**10.80**	
547-PS640WL	6	4.0	200	Wire Leads	2.76	1.89	4.02	4.25	1.8	**12.85**	**11.50**	
547-PS665	6	6.5	325	Polarized Faston	3.86	2.20	4.05	4.05	3.0	**19.15**	**17.15**	
547-PS670	6	7.0	325	Faston	5.95	1.34	3.70	3.86	3.0	**13.40**	**12.00**	
547-PS682	6	8.0	400	Faston	3.86	2.20	4.65	4.65	3.3	**15.65**	**14.00**	
547-PS682WL	6	8.0	400	Wire Leads	3.86	2.20	4.65	4.65	3.3	**17.10**	**15.30**	
547-PS695	6	9.5	475	Polarized Faston	4.26	2.75	5.54	5.54	4.9	**16.00**	**14.35**	
547-PS6100	6	10.0	500	Faston	5.95	2.00	3.70	3.86	4.6	**17.65**	**15.80**	
547-PS6120	6	12.0	600	Polarized Faston	4.26	2.75	5.54	5.54	5.5	**17.90**	**16.05**	
547-PS6200	6	20.0	1000	Nut and bolt	6.18	3.27	4.92	4.92	8.2	**51.35**	**45.95**	
547-PS6360	6	36.0	1800	"250" Faston	6.25	3.35	6.50	6.95	13.8	**45.35**	**40.60**	**Call For Quote**
547-PS1208	12	0.8	35	Mate-N-Lok	3.78	.98	2.42	2.42	0.8	**17.75**	**15.90**	
547-PS1212	12	1.2	60	Faston	3.82	1.65	2.00	2.13	1.3	**15.65**	**14.00**	
547-PS1220	12	2.0	95	Faston	7.01	1.34	2.36	2.56	1.9	**19.60**	**17.55**	
547-PS1226	12	2.6	130	Faston	7.01	1.34	2.36	2.56	2.2	**23.60**	**21.10**	
547-PS1230	12	3.0	150	Faston	5.23	2.64	2.36	2.60	2.6	**22.90**	**20.50**	
547-PS1232	12	3.2	160	Faston	7.68	1.85	2.76	2.95	3.1	**25.60**	**22.90**	
547-PS1242	12	4.0	200	Faston	3.54	2.76	3.98	4.13	3.8	**19.60**	**17.55**	
547-PS1252	12	5.0	250	"250" Faston	3.54	2.76	4.02	4.25	4.2	**24.00**	**21.50**	
547-PS1270	12	7.0	350	Faston	5.95	2.56	3.70	3.86	5.7	**21.10**	**18.90**	
547-PS1282	12	8.0	400	Faston	3.86	4.40	4.65	4.65	6.7	**33.15**	**29.70**	
547-PS1295	12	9.5	475	Polarized Faston	8.38	2.75	5.50	5.50	10.0	**33.00**	**29.55**	
547-PS12100	12	10.0	500	"250" Faston	5.95	4.00	3.70	3.86	9.2	**37.40**	**33.50**	
547-PS12120	12	12.0	600	"250" Faston	5.94	3.86	3.70	3.94	9.0	**41.40**	**37.10**	
547-PS12120L	12	12.0	600	Polarized Faston	8.38	2.75	5.50	5.50	11.0	**37.65**	**33.75**	
547-PS12170	12	17.0	850	"250" Faston	7.13	2.99	6.57	6.57	12.8	**55.50**	**49.70**	**Call For Quote**
547-PS12180	12	17.5	875	Nut and bolt	7.13	2.99	6.57	6.57	13.0	**55.50**	**49.70**	
547-PS12260	12	26.0	1300	Faston	6.89	6.54	4.92	4.92	18.7	**74.15**	**66.40**	
547-PS12330	12	33.0	1650	Flag	7.75	5.19	6.38	7.15	26.5	**69.95**	**62.40**	
547-PS12600	12	60.0	3000	Flag	10.25	6.60	8.20	9.45	46.0	**115.60**	**103.50**	
547-PS12800	12	80.0	4000	Flag	12.00	6.60	8.20	9.45	55.0	**147.50**	**132.19**	

lag terminals accept nut and bolt connectors

BATTERY CHARGERS

Electronically Regulated Battery Chargers for Sealed Lead-Acid Batteries

eatures:

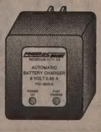
- No danger of overcharge
- LED's for power on, charge, and charge mode
- Automatic switching from high to float rate with precise voltage regulation
- Wall mount plug-in design (except Model 124000A)
- Models 6300A and 124000A have output cord with alligator clips (other units have screw type terminals without leads)

NEW!

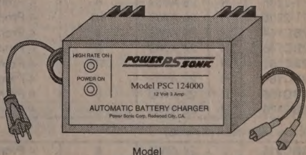
* †

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nominal Output		Housing	Use with Battery	Price Each	
	Voltage	Current			1	5
547-PSC6300A	6.0	.25A	Metal	6V 1-5 AH	**36.05**	**32.83**
547-PSC6500A	6.0	.60A	Thermoplastic	6V 4-10 AH	**42.30**	**38.50**
547-PSC12500A	12.0	.50A	Thermoplastic	12V 2-10 AH	**42.30**	**38.50**
547-PSC124000A	12.0	4.00A	Metal	12V 10-40 AH	**107.70**	**98.00**

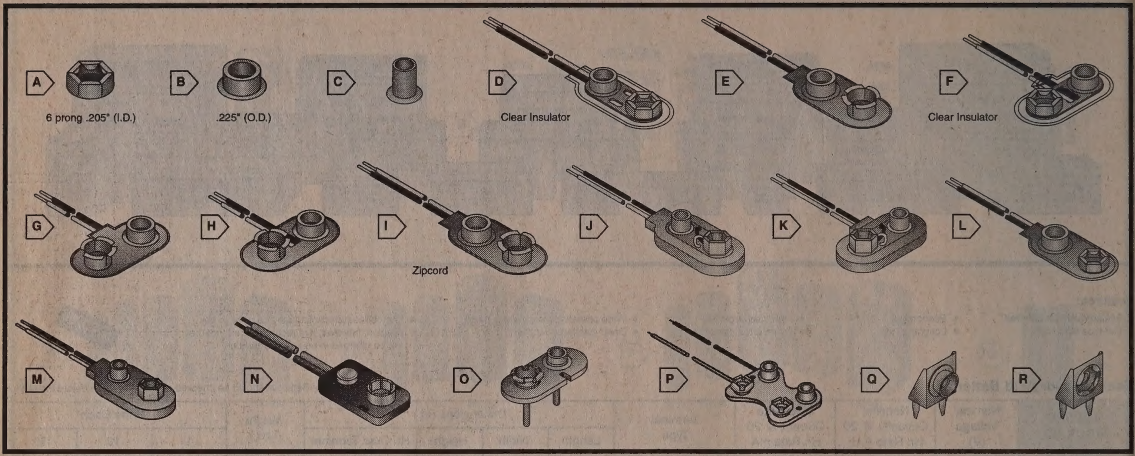


Model
PSC6500A



Model
PSC124000A

9V Battery Snaps



Largest selection of battery snaps available.
Over a million pieces in stock. Stocked in all types shown below. For use with standard 9 volt battery. All leads are stripped and pre-tinned. All are fully insulated and contacts are nickel plated brass. Leads are polarity color coded. All except "molded" type, feature PVC plastic insulation over a base of vulcanized fiber board.

- Standard 9 volt size (.5" snap spacing)
- Available with 4, 5, or 6 prong contacts
- Black (except where noted)
- Available in 22, 24, and 26 AWG stranded lead wires
- Male snap .225" (O.D.)
- Female snap .205" (I.D.)

EAGLE MINI BATTERY SNAPS AND RIVETS

- Rivets can be applied to PC boards, battery holders, battery packs, etc.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			10	100	1000	10,000
12BC269	A	Mini battery female snap	.03	.024	.022	Call
12BC261	B	Mini battery male snap	.03	.024	.022	For
48BC001	C	Mini rivet for snap	.03	.024	.022	Quote

STANDARD BATTERY SNAPS

MOUSER STOCK NO.	Fig.	Wire Size	Lead Length (In.)	Contacts	Price Each			
					1	100	1000	10,000
12BC310	D	26 AWG	4	6 Prong	.31	.21	.19	Call
12BC309	D	26 AWG	6	6 Prong	.32	.22	.20	For
12BC005	E	26 AWG	4	4 Prong	.32	.16	.15	Quote
12BC025	E	26 AWG	5	4 Prong	.32	.16	.15	
12BC009	E	26 AWG	6	4 Prong	.32	.16	.15	
12BC008	E	26 AWG	8	4 Prong	.34	.17	.16	
12BC013	E	26 AWG	10	4 Prong	.36	.18	.17	Call
12BC012	E	26 AWG	12	4 Prong	.34	.23	.21	For
12BC311	F	26 AWG	4	6 Prong	.35	.23	.21	Quote
12BC006	G	26 AWG	4	4 Prong	.38	.19	.17	
12BC095	G	26 AWG	5	4 Prong	.38	.19	.17	
12BC092	G	26 AWG	6	4 Prong	.38	.19	.17	
12BC002	G	26 AWG	8	4 Prong	.28	.20	.18	Call
12BC096	G	26 AWG	10	4 Prong	.30	.21	.19	For
12BC003	G	26 AWG	12	4 Prong	.38	.25	.23	Quote

- UL listed wire

12BC104	E	26 AWG	4	4 Prong	.37	.26	.20	Call
12BC106	E	26 AWG	6	4 Prong	.39	.28	.21	For
12BC110	E	26 AWG	10	4 Prong	.43	.32	.23	Quote
12BC134	E	24 AWG	4	4 Prong	.42	.30	.22	
12BC136	E	24 AWG	6	4 Prong	.44	.31	.23	
12BC140	E	24 AWG	10	4 Prong	.48	.36	.26	
12BC154	E	22 AWG	4	4 Prong	.47	.33	.23	
12BC156	E	22 AWG	6	4 Prong	.49	.35	.26	
12BC160	E	22 AWG	10	4 Prong	.54	.40	.29	
12BC124	G	26 AWG	4	4 Prong	.37	.26	.20	Call
12BC126	G	26 AWG	6	4 Prong	.39	.28	.21	For
12BC130	G	26 AWG	10	4 Prong	.44	.32	.23	Quote
121-2204	H	26 AWG	4	4 Prong	.37	.26	.20	
121-2206	H	26 AWG	6	4 Prong	.39	.28	.21	
121-2200	H	26 AWG	10	4 Prong	.44	.32	.23	
12BC144	H	24 AWG	4	4 Prong	.42	.30	.22	
12BC146	H	24 AWG	6	4 Prong	.44	.31	.23	
12BC150	H	24 AWG	10	4 Prong	.49	.36	.26	
12BC164	H	22 AWG	4	4 Prong	.47	.33	.23	Call
12BC166	H	22 AWG	6	4 Prong	.49	.35	.26	For
12BC170	H	22 AWG	10	4 Prong	.55	.40	.29	Quote

- Zipcord leads (black and white)

12BC015	I	24 AWG	4	4 Prong	.35	.22	.20	Call
12BC010	I	24 AWG	6	4 Prong	.35	.24	.22	For
12BC016	I	24 AWG	10	4 Prong	.40	.27	.24	Quote

EAGLE BATTERY SNAPS

Molded 5000 Series

A unique 2 piece molded design. Leads are attached to the snaps with copper solderless ring terminals for extra strength and reliability. 7-strand copper conductor (tin overcoated).

- UL listed wire

MOUSER STOCK NO.	Fig.	Wire Size	Lead Length (In.)	Contacts	Price Each			
					1	100	1000	10,000
123-5004	J	26 AWG	4	6 Prong	.35	.21	.18	Call For Quote
123-5006	J	26 AWG	6	6 Prong	.36	.22	.19	
123-5008	J	26 AWG	8	6 Prong	.38	.23	.20	
123-5014	K	26 AWG	4	6 Prong	.41	.24	.20	
123-5016	K	26 AWG	6	6 Prong	.42	.25	.21	
123-5018	K	26 AWG	8	6 Prong	.43	.26	.22	

6000 Series

Features:

- Precision riveting-no cracks or bursts
- Conforms to IEC standards
- Pull tested to withstand 18 lbs. of force from any direction
- Crimp leads eliminate cold solder joints
- Leads made of UL listed wire with overcoated conductor to minimize corrosion
- Jacket color: silver

123-6004	L	26 AWG	4	6 Prong	.31	.16	.14	Call For Quote
123-6005	L	26 AWG	5	6 Prong	.32	.16	.15	
123-6006	L	26 AWG	6	6 Prong	.33	.17	.16	
123-6008	L	26 AWG	8	6 Prong	.36	.18	.17	

Molded *PREMIUM* 7000 Series

A unique 2 piece molded design. Leads are attached to the snaps with copper solderless ring terminals for extra strength and reliability.

Features:

- High reliability 6 prong nickel plated brass snaps
- Attractive white housing with light blue cover
- UL/CSA 1007 24 AWG stripped and tinned wire
- Solderless ring terminals eliminate cold solder joints

123-7014	M	24 AWG	4	6 Prong	.83	.42	.38	Call
123-7016	M	24 AWG	6	6 Prong	.83	.42	.38	For
123-7020	M	24 AWG	10	6 Prong	.89	.45	.42	Quote

Molded 8000 Series

Introducing a 2 piece molded battery snap with a modern look. The 26 AWG leads are crimped to nickel-plated brass contacts for extra reliability and strength.

Features:

- Housing material: ABS plastic
- Lead wire: UL 1007 26 AWG

Specifications:

- Contact strength: 3.31 lbs.
- Contact resistance: 25 mΩ @ max 10mA DC

123-8006	N	26 AWG	6	5 Prong	.39	.24	.21	Call

KEYSTONE ELECTRONICS CORP. VERTICAL "9 VOLT" PC CONNECTOR

Features:

- One piece construction
- Wave solderable
- Anti-wicking design

Material:

- Contacts: steel, nickel plated
- PC pins: brass, tin plated
- Insulator: gray fiber .062

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
534-968	O	9 volt PC connector	.72	.36	.33	Call

DUAL BATTERY SNAP

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
534-227	P	Parallel 9V dual battery snap	1.43	1.18	1.08	Call

PCB SNAP-ONS

Mounts directly to edge of PC board

534-635	Q	PCB snap-ons, male connector	.22	.19	.16	Call
534-636	R	PCB snap-ons, female connector	.27	.23	.19	

EAGLE Battery Holders

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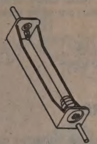

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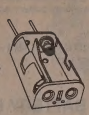

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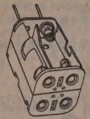

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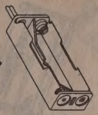

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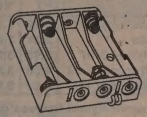

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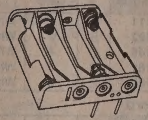

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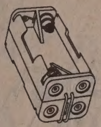

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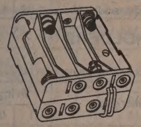

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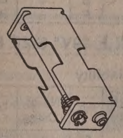

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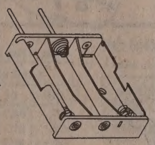

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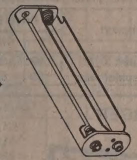

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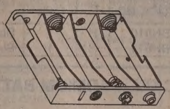

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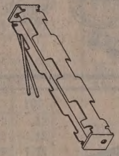

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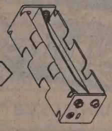

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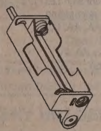

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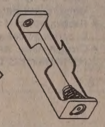

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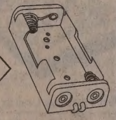

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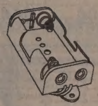

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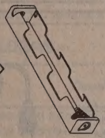

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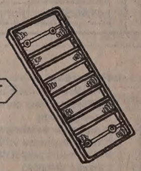

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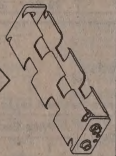

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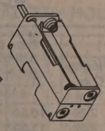

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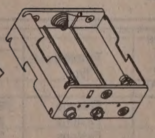

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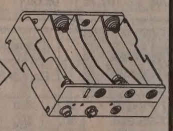

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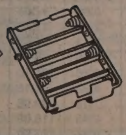

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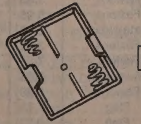

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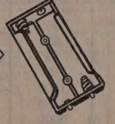

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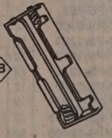


Battery holders are constructed using an "unbreakable" type plastic. Nickel-plated hardware provides excellent corrosion resistance from battery acid. Mouser offers one of the broadest lines of battery holders available.

Snap Size: Large = Male .275" (O.D.) Female .250" (I.D.) Mini = Male .225" (O.D.) Female .205" x (I.D.)

"N" SIZE BATTERY HOLDERS

Standard For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH510	A	1	Black	6" leads-tinned 3/16"	.36	.30	.25
12BH511	A	1	Black	Solder tabs	.36	.30	.25
12BH512	A	1	Black	PC mount-solder legs	.36	.30	.25
12BH521	B	2	Black	6" leads-tinned 3/16"	.58	.52	.48
12BH541	C	4	Black	6" leads-tinned 3/16"	.95	.86	.79

"AAA" SIZE BATTERY HOLDERS

Standard For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH410	A	1	Black	6" leads-tinned 3/16"	.36	.30	.25
12BH411	A	1	Black	Solder tabs	.36	.30	.25
12BH412	A	1	Black	PC mount-solder legs	.45	.33	.31
12BH421	D	2	Black	6" leads-tinned 3/16"	.69	.65	.57
12BH423	D	2	Black	PC mount-solder legs	.69	.65	.57
12BH424	D	2	Black	Mini snaps spaced .50"	.69	.65	.57
12BH441	E	4	Black	6" leads-tinned 3/16"	1.49	1.34	1.24
12BH442	F	4	Black	PC mount-solder legs	1.79	1.61	1.49
12BH443	G	4	Black	6" leads-tinned 3/16"	.99	.89	.83
12BH481	H	8	Black	6" leads-tinned 3/16"	1.28	1.15	1.07

"AA" SIZE BATTERY HOLDERS

High Reliability For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH321	I	2	White	Mini snaps spaced .50"	1.27	1.06	.96
12BH333	J	3	Black	Mini snaps spaced .50"	2.11	1.76	1.60
12BH336	J	3	Black	PC mount-solder tabs	2.66	2.22	2.02
12BH334	J	3	Black	6" leads-tinned 3/16"	2.66	2.22	2.02
12BH344	K	4	White	Mini snaps spaced .50"	1.72	1.44	1.30
12BH352	K	4	White	Solder tabs	1.97	1.64	1.49
12BH447	L	4	Black	Mini snaps spaced .50"	2.29	1.91	1.73
12BH362	M	6	White	Mini snaps spaced .50"	1.88	1.56	1.42
12BH363	M	6	White	6" leads-tinned 3/16"	2.16	1.80	1.64
12BH382	N	8	Black	Mini snaps spaced .50"	2.18	1.82	1.65
12BH332	O	3	White	4.5" leads-tinned 3/16"	2.17	1.81	1.64

Standard For quantities greater than listed, call for quote.

12BH348	L	4	Black	6" leads-tinned 3/16"	.79	.61	.55
12BH349	L	4	Black	PC mount-solder legs	.79	.61	.55
12BH351	L	4	Black	Solder tabs	.79	.61	.55
12BH347	L	4	Black	Mini snaps spaced .50"	.79	.61	.55
12BH335	O	3	Black	6" leads-tinned 3/16"	.75	.56	.48
12BH311	P	1	Black	Solder tabs	.49	.37	.31
12BH325	Q	2	Black	6" leads-tinned 3/16"	.62	.56	.51
12BH323	R	2	Black	6" leads-tinned 3/16"	.67	.60	.55
12BH324	S	2	Black	Solder tabs	.65	.49	.41
12BH309	T	10	Black	Solder tabs	1.71	1.43	1.27
12BH341	U	4	Black	Mini snaps spaced .50"	.74	.56	.47
12BH350	V	4	Black	6" leads-tinned 3/16"	.79	.61	.55
12BH361	W	6	Black	Mini snaps spaced .50"	1.02	.79	.71
12BH381	X	8	Black	Mini snaps spaced .50"	1.23	1.08	.84
12BH310	Y	10	Black	Mini snaps spaced .50"	1.60	1.32	1.12

Economy For quantities greater than listed, call for quote.

12BH342	U	4	White	Mini snaps spaced .50"	.56	.47	.35
12BH345	V	4	Black	Mini snaps spaced .50"	.65	.53	.35

"C" SIZE BATTERY HOLDERS

High Reliability For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH221	Z	2	White	Solder tabs	1.97	1.64	1.49
12BH248	AA	4	White	Mini snaps spaced .50"	1.84	1.53	1.39
12BH249	AA	4	White	8" leads-tinned 3/16"	2.62	2.18	1.98
12BH265	BB	6	White	8" leads-tinned 3/16"	3.06	2.55	2.32

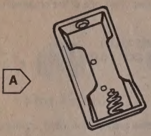
Standard For quantities greater than listed, call for quote.

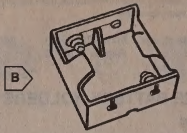
12BH261	BB	6	Black	Mini snaps spaced .50"	1.51	1.32	1.10
12BH263	BB	6	Black	6" leads-tinned 3/16"	1.51	1.32	1.10

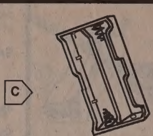
Economy For quantities greater than listed, call for quote.

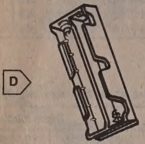
12BH244	AA	4	Black	Mini snaps spaced .50"	.65	.56	.36

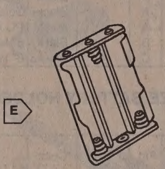
Battery Holders and Chargers

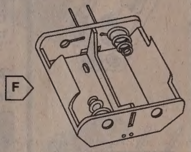


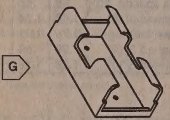


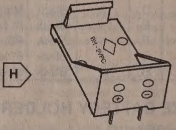


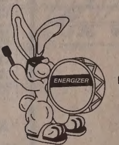












See our Batteries on Pages 243 and 244

Battery holders are constructed using an "unbreakable" type plastic. Nickel-plated hardware provides excellent corrosion resistance from battery acid. Mouser offers one of the broadest lines of battery holders available.

Snap Size: Large = Male .275" (O.D.) Female .250" (I.D.) Mini = Male .225" (O.D.) Female .205" (I.D.)

EAGLE "D" SIZE BATTERY HOLDERS

High Reliability

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH111	A	1	White	Solder tabs	1.42	1.19	1.08
12BH122	B	2	White	Solder tabs	2.31	1.93	1.75
12BH145	C	4	White	8" leads-tinned 3/16"	3.93	3.27	2.98
12BH161	D	6	White	Lg. snaps spaced 1.32"	4.06	3.38	3.08
12BH162	E	6	White	Lg. snaps spaced 1.32"	4.69	3.90	3.55

Standard

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH121	B	2	Black	Solder tabs	.87	.72	.63
12BH123	F	2	Black	8" leads-tinned 3/16"	1.29	1.16	1.08

EAGLE "9V" SIZE BATTERY HOLDERS

High Reliability

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH614	G	1	Black	Cradle (no leads)	1.76	1.47	1.34

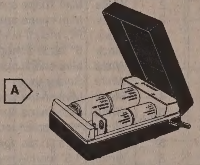
Standard

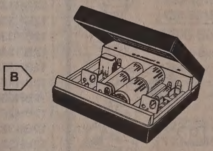
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH610	H	1	Black	6" leads-tinned 3/16"	.99	.89	.79
12BH611	H	1	Black	PC mount-solder legs	.99	.89	.79

EVEREADY. BATTERY CHARGERS

Features:
- LED light indicates when batteries are charging
- Two different types available, 3 hour and 5 hour
- Cannot over charge



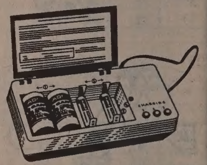


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	6
525-QCC-4	A	Charges 1-2 9V in 10 hrs.; Charges 2-4 AA, AAA, C, D in 3 hrs.	27.41	24.67
525-FCC-8	B	Charges 1-4 9V in 10 hrs.; Charges 2-8 AA, AAA, C, D in 5 hrs.	29.22	26.30

NICKEL-CADMIUM BATTERY CHARGER

Features:
- Fully automatic operation
- Cannot over charge
- Uses 110-120V household current with LED lamps to indicate when charger is charging
- Recharges 2 or 4 of any size AAA, AA, C, D, or one 9V cell at a time
- Charging time: AAA, AA (4-6 hours); 9V (12-14 hours); C, D (14-18 hours)



MOUSER STOCK NO.	Description	Price Each		
		1	10	100
41AC301	For use with AAA, AA, C, D, or rectangular 9V	14.55	13.67	Call

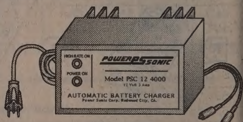
POWER SONIC BATTERY CHARGERS

Electronically Regulated Battery Chargers for Sealed Lead Acid Batteries

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Nominal Output		Housing	Use with Battery	Price Each	
		Voltage	Current			1	5
	547-PSC-6300A	6.0	.25A	Metal	6V 1-5 Ah	36.05	32.83
*	547-PSC-6500A	6.0	.60A	Thermoplastic	6V 4-10 Ah	42.30	38.50
*	547-PSC-12500A	12.0	.50A	Thermoplastic	12V 2-10 Ah	42.30	38.50
†	547-PSC-124000A	12.0	4.00A	Metal	12V 10-40 Ah	107.70	98.00

Features:
- No danger of overcharge
- LED's for power on, charge and charge mode
- Automatic switching from high to float rate with precise voltage regulation
- Wall mount plug-in design (except model 124000A)
- Models 6300A and 124000A have output cord with alligator clips (other units have screw type terminals with out leads



Model 124000A

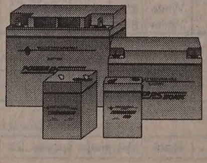
* UL † CSA®

POWER SONIC RECHARGEABLE BATTERIERS

Sealed Lead - Acid

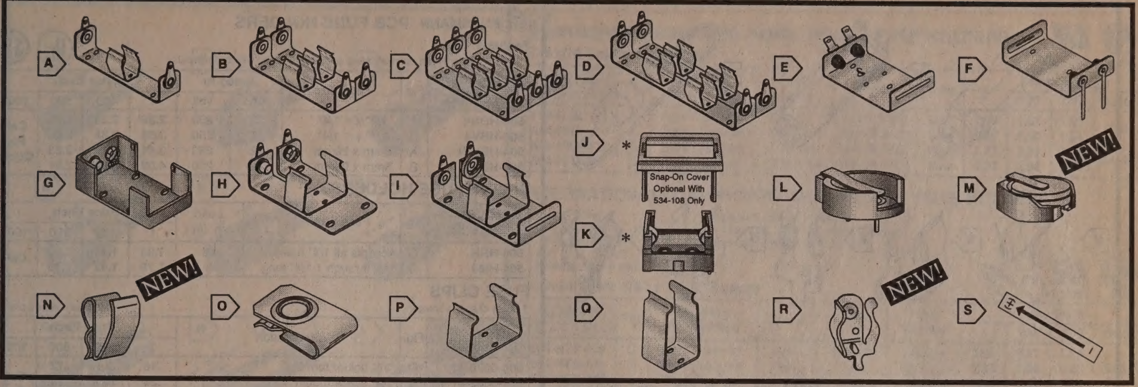
Features:
- Cycle or float application
- Overcharge protection
- Gel-type electrolyte
- Sealed / maintenance free

* Flag terminals accept nut and bolt connectors



	MOUSER STOCK NO.	(V)	Capacity 20 Hour Rate (Ah)	Discharge Current 20 Hour Rate (mA)	Terminal Type	Dimensions (In.)			Price Each	
						L	W	Height Over Term	1	10
	547-PS-610	6	1.0	50	Fastons	2.00	1.65	2.20	10.50	9.40
	547-PS-620	6	2.0	100	Fastons	2.95	2.00	2.28	13.60	12.15
	547-PS-630	6	3.0	150	Fastons	5.28	1.34	2.56	14.90	13.35
	547-PS-640	6	4.0	200	Fastons	2.76	1.89	4.25	12.10	10.80
	547-PS-670	6	7.0	325	Fastons	5.95	1.34	3.86	13.40	12.00
	547-PS-682	6	8.0	400	Fastons	3.86	2.20	4.65	15.65	14.00
	547-PS-6100	6	10.0	500	Fastons	5.95	2.00	3.86	17.65	15.80
	547-PS-1208	12	0.8	35	Mate-N-Lok	3.78	.98	2.42	17.75	15.90
	547-PS-1212	12	1.2	60	Fastons	3.82	1.65	2.13	15.65	14.00
	547-PS-1220	12	2.0	95	Fastons	7.01	1.34	2.56	19.60	17.55
	547-PS-1270	12	7.0	350	Fastons	5.95	2.56	3.86	21.10	18.90
	547-PS-12260	12	26.0	1300	Fastons	6.89	6.54	4.92	74.15	66.40
*	547-PS-12330	12	33.0	1650	Flag	7.75	5.19	7.15	69.95	62.40
*	547-PS-12600	12	60.0	3000	Flag	10.25	6.60	9.45	115.60	103.50
*	547-PS-12800	12	80.0	4000	Flag	12.00	6.60	9.45	147.50	132.19

KEYSTONE ELECTRONICS CORP. Battery Holders and Clips



"AA" SIZE BATTERY HOLDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	10	100
534-139	A	1	Aluminum battery holder	.67	.56	.51
534-140	B	2	Aluminum battery holder	1.27	1.18	1.02
534-146	B	2	Aluminum battery holder in series	1.55	1.29	1.22
534-171	C	3	Aluminum battery holder	2.11	1.82	1.59
534-147	C	3	Aluminum battery holder in series	2.69	2.24	1.99
534-192	D	4	Aluminum battery holder	2.05	1.75	1.53
534-148	D	4	Aluminum battery holder in series	2.39	1.99	1.77

"C" SIZE BATTERY HOLDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	10	100
534-173	A	1	Aluminum battery holder	.80	.70	.62
534-174	B	2	Aluminum battery holder	1.42	1.21	1.08
534-149	B	2	Aluminum battery holder in series	1.67	1.39	1.31
534-151	D	4	Aluminum battery holder in series	2.59	2.16	1.91

"D" SIZE BATTERY HOLDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	10	100
534-175	A	1	Aluminum battery holder	.92	.80	.70
534-176	B	2	Aluminum battery holder	1.67	1.42	1.26

"6V" SIZE LITHIUM BATTERY HOLDERS

- For Eveready EL223A or equivalent

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	10	100
534-223	E	1	Lithium; quick disconnect/solder lug term.	1.73	1.44	1.34
534-224	F	1	Lithium; PC terminals	1.80	1.50	1.39

"9V" SIZE BATTERY HOLDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	10	100
534-1294	G	1	Glass filled nylon; PC terminals	.72	.65	.58
534-1295	G	1	Glass filled nylon; solder lug terminal	.70	.62	.56
534-1290	H	1	Aluminum; solder terminal	1.22	1.02	.94
534-1291	H	1	Aluminum; PC terminal	1.26	1.05	.98
534-203	I	1	Aluminum; solder terminal	1.16	.97	.85

PC BATTERY HOLDERS

- Snap-in design

* UL 94V-0 material

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	10	100
534-108A	J	1	Cover only	.40	.33	.27
534-108	K	1	1/2 "AA" size	1.46	1.22	1.06
534-1028	K	1	"AA" size	1.52	1.27	1.06

PC MOUNT COIN CELL BATTERY HOLDERS

- Contact material: Nickel over copper plated spring steel
- Housing material: Glass-filled nylon, UL 94V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Cell Dia.	Fits Battery Types	Price Each		
					1	10	100
534-501	L	2	12mm	BR1216, CR1216, BR1220, CL1220, CR1220, BR1225	1.02	.94	.82
534-502	L	1	16mm	BR1616, CR1616, CR1620, CR1632	.93	.85	.74
534-301	L	1	30mm	BR3032	.80	.74	.64

PC MOUNT COIN CELL BATTERY HOLDERS

- Made of UL approved glass-filled nylon 94V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
534-500	L	Holds 3-volt cell, .47" dia. x .1"	1.38	1.15	.96

MOUSER STOCK NO.	Fig.	No. of Cells	Duracell	Ray-O-Vac Panasonic	Eveready GP	Price Each		
						1	10	100
534-105	L	1	- - - - -	- - - - -	- - - - -	.68	.65	.56
534-1025	M	2	DL2430 DL2450	- - - - - - - - - -	- - - - - - - - - -	.91	.79	.63
534-106	L	1	DL2016	BR2016	CR2016	.68	.65	.56
534-1026	M	2	DL2025 DL2032 - - - - -	CR2016 CR2025 BR2032	CR2025 CR2023 CR2032	.91	.79	.63
534-107	L	1	CR2316 - - - - -	BR2320 CR2325	- - - - - - - - - -	.68	.65	.56
534-1027	M	2	- - - - -	BR2330	- - - - -	.91	.79	.63

SURFACE MOUNT COIN CELL BATTERY HOLDERS

- Contact material: tin over nickel plated steel
- Housing material: Nylon, Stanyl-46
- Temperature rating: -15°C to 282°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Cell Dia.	Fits Battery Types	Price Each		
					1	10	100
534-1061	M	1	20mm	2016, 2025, 2032	1.08	.99	.87
534-1062	M	2	20mm	2016, 2025, 2032	1.08	.99	.87

SNAP-ON BATTERY CLIPS

- Self-anchoring
- Clips over panels from .060" to .070" thick

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	100	500
534-204	N	1	"AAA", "AAAA", and "N" snap-on clip	.11	.10	.09
534-209	N	1	"AA" snap-on clip	.21	.11	.094
534-228	O	1	"AA" positive snap-on clip	.17	.083	.074

BATTERY CLIPS

- Aluminum clips: plain finish
- Steel clips: nickel-plated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Fits 9V Size	Dimensions H x W (In.)	Cell Mounts	Material	Price Each		
						1	10	100
534-071	P	.593 x 1.031	.687 x 1.031	Flat / horiz.	.015 steel	.22	.18	.15
534-079	P	.650 x 1.031	.765 x 1.050	Flat / horiz.	.015 steel	.26	.22	.18
534-080	Q	.650 x 1.031	1.187 x .625	Side / vert.	.015 steel	.28	.24	.20
534-095	Q	.625 x 1.000	1.125 x .656	Side / vert.	.025 alum.	.30	.25	.20

PC BATTERY CLIP

- For "A" and "AA" type batteries with diameters from .531" to .665"
- .015" spring steel, nickel-plated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each		
				1	100	500
534-082	R	1	"AAA" and "N" snap-on clip	.14	.12	.11
534-092	R	1	Battery clip, snap-in design	.20	.10	.089

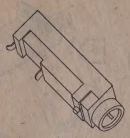
POLARITY INDICATOR LABELS

- Pressure sensitive adhesive back
- Adheres to all surfaces

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	100	500
534-058	S	Labels measure .25" x 1.375"	.04	.023	.021

Fuse Holders, Fuse Blocks, and Fuse Kits

A

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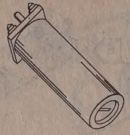
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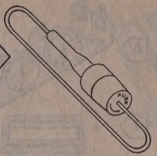
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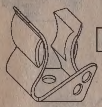
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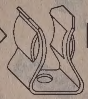
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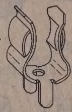
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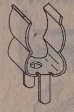
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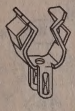
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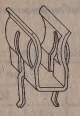
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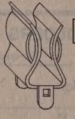
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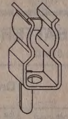
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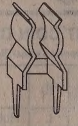
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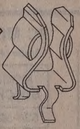
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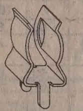
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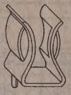
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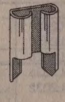
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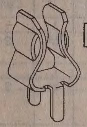
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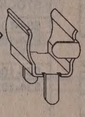
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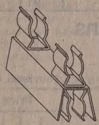
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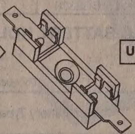
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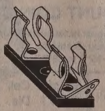
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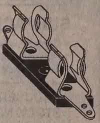
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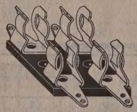
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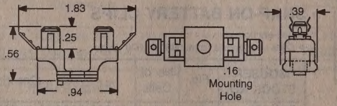

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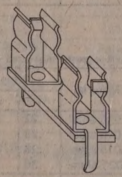
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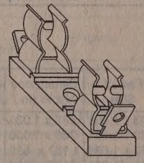
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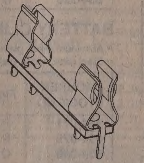
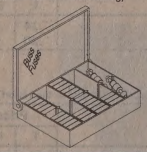


BUSSMANN FUSES AND FUSEHOLDERS

Plus fuse puller (FPC), fuseholder (HHB-32 Volt) and twin clips (4121 to replace soldered fuses in circuit boards without resoldering)



Contents:

- Fast acting fuses:
- AGC - 1/4, 1/2, 1, 1-1/2, 2, 3
- MTH - 4, 5, 6, 7, 8
- ABC - 10, 15, 20, 30

Time-delay Fuses:

- MDL - 1/2, 1, 1-1/2
- MDQ - 2, 3, 4, 5, 6
- MDA - 8, 10, 15, 20, 30

No. 140 Small Dimension Emergency Kit
For 125 and 250 volt, 1/4 x 1-1/4 fuses

MOUSER STOCK NO.	Total Quantity	No. Of Sizes	Price Each	
			1	5
504-140	140	28	89.64	86.11

BUSSMANN PCB FUSE HOLDERS

Features:

- "Kicked" terminals for optimum wave soldering
- Anti-wicking terminals

MOUSER STOCK NO.	Fig.	Fuse Size	Rated To		Price Each			
			Amp	Volt	1	100	500	1000
504-HBH-I	A	1/4" x 1-1/4"	12	250	2.89	2.29	1.69	Call For Quote
504-HBV-I	B	1/4" x 1-1/4"	12	250	3.53	2.88	2.29	
504-HBH-M	A	5mm x 20mm	12	250	3.41	2.79	2.23	
504-HBV-M	B	5mm x 20mm	12	250	4.02	3.29	2.51	

IN-LINE FUSE HOLDERS

MOUSER STOCK NO.	Fig.	Fuse Size	Lead Lth. (In.)	Price Each			
				1	100	500	1000
504-HRK	C	Accepts all 1/4" fuses,	15	1.93	1.59	1.26	Call
504-HMJ	C	5/8" through 1 1/4" long	8	1.79	1.42	1.13	

FUSE CLIPS

- Made of spring bronze

Minimum order 2 pieces

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
504-5678-14	D	1/4" solder terminal	.16	.14	.12	Call For Quote
504-5682-41	E	1/4" screw mount	.24	.17	.12	
504-1A1119-10	F	1/4" PC mount with stop	.34	.29	.27	
504-1A1120-10	G	1/4" PC mount	.37	.31	.30	
504-1A3399-10	H	5mm PC mount with stop	.22	.20	.18	

KEYSTONE ELECTRONICS CORP. PC FUSE CLIPS

- Snap-fit and press fit designs for wave soldering
- Low profile space saving design
- Economical and easy to assemble
- Low contact resistance

MOUSER STOCK NO.	Fig.	Fuse Size	Description	Price Each			
				1	100	500	1000
534-3521	I	5mm	.016" tinned brass	.11	.054	.051	Call For Quote
534-3517	J	5mm	.02" tinned brass	.22	.11	.098	
534-3520	K	5mm	.016" tinned brass	.09	.047	.045	
534-3519	L	5mm	.016" tinned brass	.32	.16	.15	
534-3513	M	1/4"	.02" tinned brass	.23	.12	.11	
534-3529	N	1/4"	.02" tinned brass	.20	.10	.09	
534-3530	O	1/4"	.02" tinned brass	.19	.093	.084	
534-3522	P	Blade type	.20" faston	.14	.069	.062	

FUSE CLIPS

Standard

Minimum order 2 pieces

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
44FH053	Q	Nickel plated fits 1/4" dia. fuses	.19	.16	.15	Call

Miniature

44FH052	R	Silver plated brass contact for 5mm x 20mm fuses for PC board	.11	.08	.07	Call

BUSSMANN TWIN CLIPS

Makes it unnecessary to replace blown pigtail fuse by cutting or soldering. Twin-clips snap on the blown fuse.

- Insulated

MOUSER STOCK NO.	Fig.	Fuse Size	Price Each			
			1	100	500	1000
504-3434	S	5/8" to 1 1/4" long	1.51	1.26	1.21	Call

BUSSMANN FUSE BLOCKS

- 1/4" x 1 1/4" fuse size
- Spring-bronze clips
- Anti-pivot barrier
- Totally sealed base

MOUSER STOCK NO.	Fig.	Type	Rated To		Price Each			
			Amp	Volt	1	100	500	1000
504-S-8001-1	T	Solder terminal	25	300	.95	.75	.52	Call
504-S-8101-1	T	3/16" quick connect	15	300	1.13	.90	.62	

Standard

- Molded bakelite base
- Silver plated clips
- Beryllium copper solder terminal

MOUSER STOCK NO.	Fig.	Fuse Size	Rated To		Price Each			
			Amp	Volt	1	100	500	1000
504-3828-1	U	1"	30	250	1.62	1.57	1.30	Call
504-4405	V	1 1/4"	30	250	1.94	1.61	1.55	
504-4408	W	1 1/4"	30	250	4.72	3.94	3.78	

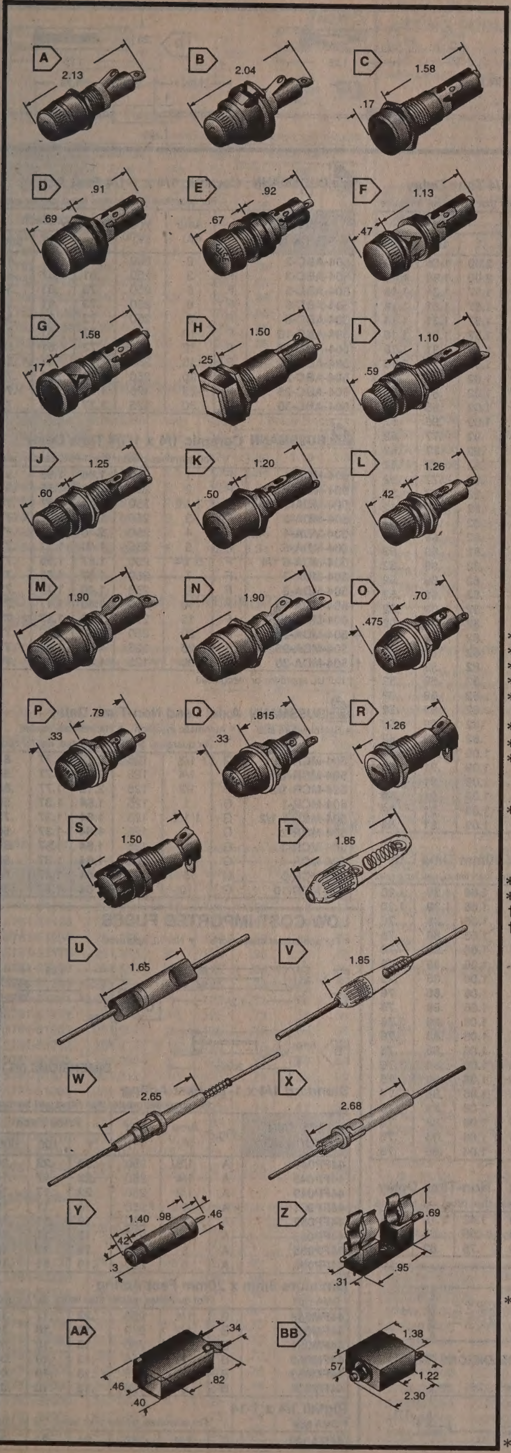
Miniature

- Beryllium copper, albaloy plated terminal
- Anti-rotation stud pin
- Solder/quick-connect terminals
- Glass filled polyester (94V-0 flammability rating)

504-2000-1	X	5mm x 20mm	15	250	1.81	1.44	1.15	Call

KEYSTONE ELECTRONICS CORP. MOLDED BASE FUSE BLOCKS

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
534-3527	Y	5mm x 20mm snap-fit PCB fuse holder	.76	.38	.35	Call For Quote
534-4243	Z	1/4"x1 1/4" fuse holder w/.250" quick disc.	1.68	.92	.84	
534-4245	AA	1/4"x1 1/4" PCB fuse holder	1.14	.60	.53	



BUSSMANN STANDARD PANEL MOUNT FUSE HOLDERS

E14853 47235

Straight Solder Terminals

MOUSER STOCK NO.	Fig.	Mounting Position/Type	Fuse Size (In.)	Rating	Profile	Price Each 1	100	500	1000
504-HJM	A	Front / Hex nut	1/4x1	5A @ 125V	Low	1.90	1.51	1.21	Call For Quote
504-HKP	A	Front / Hex nut	1/4x1 1/4	30A @ 250V	Low	1.85	1.53	1.21	
504-HKP-CC	A	Front / Hex nut	1/4x1 1/4	30A @ 250V	High	1.98	1.59	1.26	
504-HKP-00	B	Rear / Snap-in	1/4x1,1 1/4	30A @ 250V	Low	4.25	3.38	2.71	

INTERNATIONALLY APPROVED PANEL-MOUNT FUSE HOLDERS

- Current rating:
  UL - 15A @ 250V
  CSA - 16A @ 250V
  VDE - 10A @ 250V
  SEMKO - 10A @ 250V
- Flammability rating: UL 94V-0
- Terminal type: 3/16" solder/quick connect
- Temperature range: -55°C to 85°C

E14853 47235

Standard (for 1/4" x 1 1/4" Fuses)

MOUSER STOCK NO.	Fig.	Mounting Position/Type	Profile	Fuse Access	Rear Terminal	Price Each 1	100	500	1000
504-HTB-32I	C	Front / Hex nut	Low	Slotted	Straight	2.65	2.21	1.28	Call For Quote
504-HTB-44I	D	Front / Hex nut	High	Knob	Rt. Angle	2.32	1.96	1.28	
504-HTB-62I	E	Rear / Hex nut	Low	Knob	Straight	2.65	2.21	1.28	
504-HTB-82I	F	Front / Snap-in	Low	Knob	Straight	2.65	2.16	1.28	
504-HTB-92I	G	Front / Snap-in	Low	Slotted	Straight	2.65	2.16	1.28	

Miniature (for 5mm x 20mm Fuses)

MOUSER STOCK NO.	Fig.	Mounting Position/Type	Profile	Fuse Access	Rear Terminal	Price Each 1	100	500	1000
504-HTB-32M	C	Front / Hex nut	Low	Slotted	Straight	2.65	2.16	1.28	Call For Quote
504-HTB-62M	E	Rear / Hex nut	Low	Knob	Straight	2.65	2.16	1.28	
504-HTB-82M	F	Front / Snap-in	Low	Knob	Straight	2.65	2.16	1.28	
504-HTB-92M	G	Front / Snap-in	Low	Slotted	Straight	2.65	2.16	1.28	

PANEL-MOUNT FUSE HOLDERS

† E89872 * As indicated

Standard (for 1 1/4" x 1/4" Fuses)

MOUSER STOCK NO.	Fig.	Cap Color	Rating	UL File No.	CSA File No.	Price Each 1	100	500	1000
* 44FH111	H	White	6A @ 250VAC	E43163	------	1.79	1.49	1.35	Call For Quote
* 44FH112	H	Red	6A @ 250VAC	E43163	------	1.79	1.49	1.35	
* 44FH113	H	Black	6A @ 250VAC	E43163	------	1.79	1.49	1.35	
* 44FH030	I	Black	15A @ 250VAC	E46754	LR30024	2.19	1.82	1.66	
* 441-FH042	J	Black	10A @ 250VAC	E46754	LR30024	2.11	1.76	1.60	
44FH033	J	Black	10A @ 250VAC	------	------	1.02	.90	.75	
* 441-FH032	K	Black	10A @ 250VAC	E46754	LR30024	1.81	1.38	1.32	
* 441-R3-13	L	Black	10A @ 250VAC	E72169	LR46728X	1.49	1.22	1.09	
* 441-R314A	M	Black	10A @ 250VAC	E72169	LR46728	1.40	1.23	1.13	

Quick-Connect (for 1 1/4" x 1/4" Fuses)

- .250" faston terminal

MOUSER STOCK NO.	Fig.	Cap Color	Rating	UL File No.	CSA File No.	Price Each 1	100	500	1000
* 441-R314C	N	Black	10A @ 250VAC	E72169	LR46728	1.46	1.38	1.27	Call

Miniature (for 5mm x 20mm Fuses)

- .187" faston terminal

MOUSER STOCK NO.	Fig.	Cap Color	Rating	UL File No.	CSA File No.	Price Each 1	100	500	1000
441-FH003	O	Black	3A @ 250VAC	------	------	1.96	1.63	1.49	Call For Quote
* 441-FH043	P	Black	10A @ 250VAC	E46754(S)	------	2.19	1.84	1.67	
* 441-R3-12	Q	Black	10A @ 250VAC	E72169	LR46728X	1.69	1.43	1.29	
† 441-0201	R	Black	10A @ 250VAC	E89872	LR59229	2.12	1.76	1.60	
† 441-0202	S	Black	10A @ 250VAC	E89872	LR59229	2.26	1.88	1.71	

IN-LINE FUSE HOLDERS

Standard

MOUSER STOCK NO.	Fig.	Description	Lead Length (In.)	Price Each 1	100	500	1000
44FH299	T	1/4" x 1 1/4" Clear, without leads	---	.78	.59	.54	Call For Quote
44FH018	U	1/4" x 1 1/4" Black, 100MΩ resistance	18	3.02	2.52	2.29	
44FH019	V	1/4" x 1 1/4" Clear	18	2.87	2.39	2.17	

Universal

MOUSER STOCK NO.	Fig.	Description	Lead Length (In.)	Price Each 1	100	500	1000
44FH497	W	1/4" x 1", 1/4" x 1 1/4", or 5mm x 20mm white, with black lead	18	1.48	1.24	1.12	Call For Quote
44FH498	W	1/4" x 1", 1/4" x 1 1/4", or 5mm x 20mm white, with red lead	18	1.48	1.24	1.12	

Holder Assembly

MOUSER STOCK NO.	Fig.	Description	Lead Length (In.)	Price Each 1	100	500	1000
44FH499	X	1/4" x 1 1/4" white, with red lead	18	1.40	1.16	1.06	Call

FUSE HOLDERS

MOUSER STOCK NO.	Fig.	Description	Contact Plating	Price Each 1	100	500	1000
* 441-R324	Y	Black plastic PC Mount (for midget fuses) UL #E72169, 10A @ 125V	Nickel	1.12	1.02	.91	Call For Quote
441-4454	Z	Midget base for 20mm x 5mm fuses	Nickel	.98	.75	.68	

CIRCUIT BREAKERS

- Triggered by current flow heating

MOUSER STOCK NO.	Fig.	Description	Rating	UL File No.	Price Each 1	100	500	1000
442-76-0100	AA	Thermal, auto reset	1A @ 250VAC/24VDC	---	3.45	3.02	2.59	Call
* 442-5000-15	BB	Thermal, manual reset	15A @ 125/250VAC	E95802	4.25	4.00	3.80	

BUSSMANN Fuses

All are UL Approved except where noted by an asterisk

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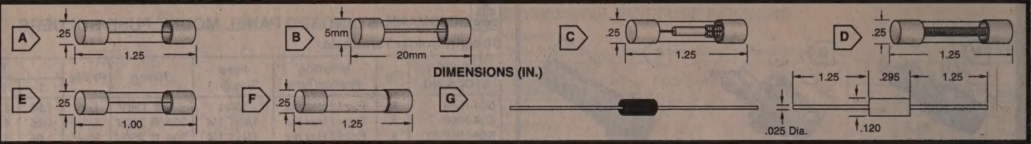


BUSSMANN Standard 1/4 x 1-1/4 Fast Acting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each		
				1	100	500
504-AGC-1/16	A	1/16	250	1.07	.90	.74
504-AGC-1/8	A	1/8	250	1.07	.90	.49
504-AGC-3/16	A	3/16	250	1.07	.90	.60
504-AGC-2/10	A	2/10	250	1.07	.90	.49
504-AGC-1/4	A	1/4	250	.59	.50	.29
504-AGC-3/10	A	3/10	250	.59	.50	.29
504-AGC-3/8	A	3/8	250	.59	.50	.29
504-AGC-1/2	A	1/2	250	.42	.35	.14
504-AGC-6/10	A	6/10	250	.42	.35	.14
504-AGC-3/4	A	3/4	250	.42	.35	.14
504-AGC-1	A	1	250	.33	.27	.14
504-AGC-1 1/4	A	1 1/4	250	.33	.27	.23
504-AGC-1 1/2	A	1 1/2	250	.33	.27	.19
504-AGC-1 3/4	A	1 3/4	250	.33	.27	.17
504-AGC-2	A	2	250	.33	.27	.14
504-AGC-2 1/4	A	2 1/4	250	.33	.27	.14
504-AGC-2 1/2	A	2 1/2	250	.33	.27	.14
504-AGC-3	A	3	250	.33	.27	.14
504-AGC-4	A	4	250	.42	.35	.14
504-MTH-4	A	4	250	.42	.35	.17
504-AGC-5	A	5	250	.42	.35	.14
504-MTH-5	A	5	250	.42	.35	.17
504-AGC-6	A	6	250	.42	.35	.18
504-MTH-6	A	6	250	.42	.35	.17
504-AGC-7 1/2	A	7 1/2	250	.33	.27	.20
504-AGC-8	A	8	250	.33	.27	.20
504-AGC-10	A	10	250	.33	.27	.14
* 504-AGC-15	A	15	32	.33	.27	.14
* 504-AGC-20	A	20	32	.33	.27	.20
* 504-AGC-25	A	25	32	.33	.27	.20
* 504-AGC-30	A	30	32	.33	.27	.20
* 504-AGC-35	A	35	32	.33	.27	.20

BUSSMANN 5mm x 20mm Fast Acting Fuses

- Glass
- Accepted worldwide
- Recommended for new designs

For quantities greater than listed, call for quote.

504-GMA-63MA	B	63mA	250	1.10	.91	.84
504-GMA-1/10	B	1/10	250	1.10	.91	.62
504-GMA-1/8	B	1/8	250	1.10	.91	.62
504-GMA-2/10	B	2/10	250	.66	.55	.32
504-GMA-1/4	B	1/4	250	.66	.55	.32
504-GMA-1/2	B	1/2	250	.66	.55	.32
504-GMA-6/10	B	6/10	250	.66	.55	.32
504-GMA-3/4	B	3/4	250	.66	.55	.32
504-GMA-8/10	B	8/10	250	.66	.55	.32
504-GMA-1	B	1	250	.66	.55	.47
504-GMA-1 1/2	B	1 1/2	250	.66	.55	.47
504-GMA-2	B	2	250	.66	.55	.47
504-GMA-2 1/2	B	2 1/2	250	.66	.55	.47
504-GMA-3	B	3	250	.66	.55	.47
504-GMA-4	B	4	125	.66	.55	.47
504-GMA-5	B	5	125	.66	.55	.47
504-GMA-6	B	6	125	.66	.55	.47
504-GMA-7	B	7	125	.66	.55	.47
504-GMA-8	B	8	125	.66	.55	.47
504-GMA-10	B	10	125	.66	.55	.47
504-GMA-15	B	15	125	.66	.55	.47

BUSSMANN Dual Element 1/4 x 1-1/4 Time Delay

For quantities greater than listed, call for quote.

504-MDQ-2	C	2	250	1.28	1.02	.71
504-MDQ-3	C	3	250	1.14	.90	.62
504-MDQ-4	C	4	250	1.14	.90	.62
504-MDQ-5	C	5	250	1.14	.90	.62
504-MDQ-6	C	6	250	1.14	1.02	.71

BUSSMANN Standard 1/4 x 1-1/4 Time Delay

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each		
				1	100	500
504-MDL-1/100	D	1/100	250	2.00	1.66	1.49
504-MDL-1/32	D	1/32	250	2.00	1.66	1.49
504-MDL-1/16	D	1/16	250	1.57	1.31	1.18
504-MDL-1/10	D	1/10	250	1.57	1.31	1.18
504-MDL-3/16	D	3/16	250	1.57	1.31	1.18
504-MDL-15/100	D	15/100	250	1.57	1.31	1.18
504-MDL-1/8	D	1/8	250	1.57	1.31	1.18
504-MDL-2/10	D	2/10	250	1.57	1.31	1.18
504-MDL-1/4	D	1/4	250	1.02	.85	.52
504-MDL-3/10	D	3/10	250	1.02	.85	.52
504-MDL-4/10	D	4/10	250	1.02	.85	.52
504-MDL-3/8	D	3/8	250	1.02	.85	.52
504-MDL-1/2	D	1/2	250	.92	.77	.52
504-MDL-6/10	D	6/10	250	.92	.77	.52
504-MDL-8/10	D	8/10	250	.92	.77	.52
504-MDL-3/4	D	3/4	250	.92	.77	.52
504-MDL-1	D	1	250	.92	.77	.52
504-MDL-1 2/10	D	1 2/10	250	.82	.69	.52
504-MDL-1 1/4	D	1 1/4	250	.82	.69	.52
504-MDL-1 1/2	D	1 1/2	250	.82	.69	.52
504-MDL-1 6/10	D	1 6/10	250	.82	.69	.52
504-MDL-1 8/10	D	1 8/10	250	.82	.69	.52
504-MDL-2	D	2	250	.82	.69	.52
504-MDL-2 1/4	D	2 1/4	250	.82	.69	.52
504-MDL-2 1/2	D	2 1/2	250	.82	.69	.52
504-MDL-2 8/10	D	2 8/10	250	.82	.69	.52
504-MDL-3	D	3	250	.82	.69	.52
504-MDL-3 2/10	D	3 2/10	250	.82	.69	.52
504-MDL-3 1/2	D	3 1/2	250	.82	.69	.52
504-MDL-4	D	4	250	.82	.69	.52
504-MDL-5	D	5	250	.82	.69	.52
504-MDL-6 1/4	D	6 1/4	250	.82	.69	.52
504-MDL-7	D	7	250	.82	.69	.52
504-MDL-8	D	8	250	.82	.69	.52
504-MDL-10	D	10	32	1.09	.91	.69
504-MDL-12A	D	12	32	1.09	.91	.69
504-MDL-15	D	15	32	1.09	.91	.69
504-MDL-20	D	20	32	1.09	.91	.69
504-MDL-25	D	25	32	1.09	.91	.69
504-MDL-30	D	30	32	1.09	.91	.69

BUSSMANN Miniature 5mm x 20mm Time Lag

For quantities greater than listed, call for quote.

504-GMC-1/8	B	1/8	250	1.66	1.39	1.20
504-GMC-1/4	B	1/4	250	1.66	1.39	1.20
504-GMC-1/2	B	1/2	250	1.06	.88	.76
504-GMC-3/4	B	3/4	250	1.06	.88	.76
504-GMC-1	B	1	250	1.06	.88	.76
504-GMC-1-1/2	B	1 1/2	250	1.06	.88	.76
504-GMC-2	B	2	250	1.06	.88	.76
504-GMC-2-1/2	B	2 1/2	250	1.06	.88	.76
504-GMC-3	B	3	125	1.06	.88	.76
504-GMC-5	B	5	125	1.06	.88	.76
504-GMC-10	B	10	125	1.06	.88	.76
504-GMC-8/10	B	8/10	125	1.06	.88	.76
504-GMC-1-6/10	B	1 6/10	125	1.06	.88	.76
504-GMC-3-1/2	B	3 1/2	125	1.06	.88	.76
504-GMC-4	B	4	125	1.06	.88	.76
504-GMC-6	B	6	125	1.06	.88	.76
504-GMC-7	B	7	125	1.06	.88	.76
504-GMC-8	B	8	125	1.06	.88	.76
504-GMC-6/10	B	6/10	125	1.06	.88	.76

BUSSMANN Instrument 1/4 x 1 Non-Time Delay

For quantities greater than listed, call for quote.

504-AGX-1/8	E	1/8	250	1.43	1.19	.61
504-AGX-1	E	1	250	.66	.55	.24
504-AGX-2	E	2	250	.75	.62	.22

BUSSMANN Ceramic 1/4 x 1-1/4 Fast Acting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each		
				1	100	500
504-ABC-2	F	2	250	.76	.61	.50
504-ABC-3	F	3	250	.81	.67	.53
504-ABC-5	F	5	250	.73	.61	.50
504-ABC-6	F	6	250	.73	.61	.50
504-ABC-8	F	8	250	.73	.61	.50
504-ABC-10	F	10	250	.73	.61	.50
504-ABC-12	F	12	250	.73	.61	.50
504-ABC-15	F	15	250	.73	.61	.50
504-ABC-20	F	20	250	1.17	.98	.75
504-ABC-25	F	25	125	1.17	.98	.75
* 504-ABC-30	F	30	125	1.17	.98	.75

BUSSMANN Ceramic 1/4 x 1-1/4 Time Delay

For quantities greater than listed, call for quote.

504-MDA-1	F	1	250	1.86	1.55	.91
504-MDA-2	F	2	250	1.86	1.55	.91
504-MDA-2 1/2	F	2 1/2	250	1.64	1.37	.77
504-MDA-3	F	3	250	1.40	1.17	.77
504-MDA-4	F	4	250	1.40	1.17	.77
504-MDA-5	F	5	250	1.40	1.17	.77
504-MDA-6 1/4	F	6 1/4	250	1.87	1.55	.77
504-MDA-7	F	7	250	1.87	1.55	.77
504-MDA-8	F	8	250	1.40	1.17	.77
504-MDA-10	F	10	250	1.40	1.17	.77
504-MDA-15	F	15	250	1.40	1.17	.77
* 504-MDA-20	F	20	250	1.40	1.17	.77
† 504-MDA-25	F	25	125	1.87	1.55	.77
† 504-MDA-30	F	30	125	1.40	1.17	.77

† Not UL approved or recognized

BUSSMANN Axial Lead Non-Time Delay

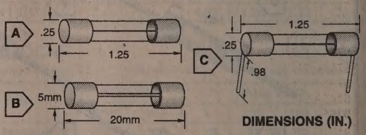
- Subminiature size
- Automatic insertion
- Hermetically sealed

For quantities greater than listed, call for quote.

504-MCR-1/8	G	1/8	125	2.12	1.77	.85
504-MCR-1/4	G	1/4	125	2.12	1.77	.85
504-MCR-1/2	G	1/2	125	2.12	1.77	.85
504-MCR-1	G	1	125	1.64	1.37	.56
504-MCR-1 1/2	G	1 1/2	125	1.64	1.37	.75
504-MCR-2	G	2	125	1.64	1.37	.56
504-MCR-3	G	3	125	1.64	1.37	.56
504-MCR-4	G	4	125	1.64	1.37	.66
504-MCR-5	G	5	125	1.64	1.37	.56
504-MCR-10	G	10	125	1.64	1.37	.66

LOW COST IMPORTED FUSES

- For non-critical applications
- Not UL approved



Standard 1/4 x 1-1/4 Fast Acting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each		
				1	100	500
44FP047	A	1/8	250	.30	.23	.20
44FP048	A	1/4	250	.22	.17	.14
44FP049	A	1/2	250	.22	.17	.14
44FP051	A	1	250	.19	.11	.10
44FP052	A	2	250	.19	.11	.10
44FP053	A	3	250	.19	.11	.10
44FP055	A	5	250	.19	.11	.10
44FP056	A	6	250	.19	.11	.10

Miniature 5mm x 20mm Fast Acting

- GMA type

For quantities greater than listed, call for quote.

44FM048	B	1/4	250	.22	.17	.14
44FM049	B	1/2	250	.18	.16	.13
44FM051	B	1	250	.13	.10	.08
44FM052	B	2	250	.13	.10	.08
44FM053	B	3	125	.13	.10	.08
44FM055	B	5	125	.13	.10	.08

Pigtail 1/4 x 1-14

- GMA type

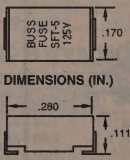
For quantities greater than listed, call for quote.

44GA049	C	1/2	250	.31	.24	.22

BUSSMANN SURFACE MOUNT NON-TIME DELAY

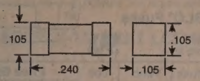
- Interrupting and voltage rating: 50A @ 250VAC (1/2-3A) 10,000A @ 125VAC (1/2-5A)

MOUSER STOCK NO.	Amp (A)	Volt (V)	Price Each		MOUSER STOCK NO.	Price Per Reel of 500	
			1	100		1	5
504-SFT-1	1	125	1.10	.88	504-SFT-1/REEL	395.00	275.00
504-SFT-2	2	125	1.10	.88	504-SFT-2/REEL	395.00	275.00
504-SFT-3	3	125	1.10	.88	504-SFT-3/REEL	395.00	275.00
504-SFT-4	4	125	1.10	.88	504-SFT-4/REEL	395.00	275.00
504-SFT-5	5	125	1.10	.88	504-SFT-5/REEL	395.00	275.00



NANO² SURFACE MOUNT FUSE

NEW IN'95



Very Fast Acting Fuse, 451000 Series

For quantities greater than listed, call for quote.

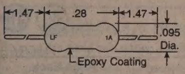
MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5762-451.250	451.250	.250	125	1.16	1.03	.94
5762-451.500	451.500	.500	125	1.16	1.03	.94
5762-451.750	451.750	.750	125	.86	.77	.70
5762-451001	451 001	1	125	.86	.77	.70
5762-45101.5	451.015	1.5	125	.86	.77	.70
5762-451002	451 002	2	125	.86	.77	.70
5762-451003	451 003	3	125	.86	.77	.70
5762-45102.5	451.025	2.5	125	.86	.77	.70
5762-451004	451 004	4	125	.86	.77	.70
5762-451005	451 005	5	125	.86	.77	.70
5762-451010	451 010	10	125	.86	.77	.70
5762-451015	451 015	15	125	1.35	1.21	1.09

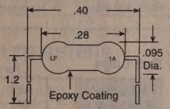
Slo-Blo Fuse, 452000 Series

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5762-452001	452 001	1	125	1.34	1.19	1.09
5762-45201.5	452.015	1.5	125	1.34	1.19	1.09
5762-452002	452 002	2	125	1.34	1.19	1.09
5762-45202.5	452.025	2.5	125	1.34	1.19	1.09
5762-452003	452 003	3	125	1.34	1.19	1.09
5762-452004	452 004	4	125	1.34	1.19	1.09
5762-452005	452 005	5	125	1.34	1.19	1.09

PICO® II FAST-ACTING SUBMINIATURE FUSES

The PICO® II is the first subminiature overcurrent protection component that makes maximum use of limited board space.





Axial Lead

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5761-51062	251.062	1/16	125	1.09	.99	.85
5761-51125	251.125	1/8	125	.97	.89	.76
5761-51250	251.250	1/4	125	.96	.88	.76
5761-51375	251.375	3/8	125	.96	.88	.76
5761-51500	251.500	1/2	125	.94	.86	.76
5761-51750	251.750	3/4	125	.73	.68	.59
5761-51001	251 001	1	125	.73	.68	.59
5761-51112	251.112	1 1/2	125	.73	.68	.59
5761-51002	251 002	2	125	.75	.69	.59
5761-51212	251.212	2 1/2	125	.75	.69	.59
5761-51003	251 003	3	125	.75	.69	.59
5761-51312	251.312	3 1/2	125	.75	.69	.59
5761-51004	251 004	4	125	.75	.69	.59
5761-51005	251 005	5	125	.74	.67	.59
5761-51007	251 007	7	125	.76	.69	.59
5761-51010	251 010	10	125	.74	.67	.59
5761-51012	251 012	12	32	1.25	1.15	.98
5761-51015	251 015	15	32	1.25	1.15	.98

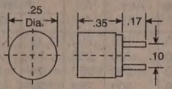
Radial Lead

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5761-52125	251.125	1/8	125	.97	.89	.76
5761-52250	252.250	1/4	125	.96	.88	.76
5761-52375	252.375	3/8	125	.96	.88	.76
5761-52500	252.500	1/2	125	.94	.86	.76
5761-52750	252.750	3/4	125	.73	.68	.59
5761-52001	252 001	1	125	.73	.68	.59
5761-52112	252.112	1 1/2	125	.73	.68	.59
5761-52002	252 002	2	125	.75	.69	.59
5761-52003	252 003	3	125	.75	.69	.59
5761-52004	252 004	4	125	.75	.69	.59
5761-52005	252 005	5	125	.74	.67	.59
5761-52010	252 010	10	125	.74	.67	.59

MICRO™ FUSE 273 SERIES VERY FAST-ACTING SUBMINIATURE FUSES

Provides reliability in extra compact design. Available in plug-in lead style and a complete range of ampere ratings from 1/500 to 5 amp to suit a wide variety of design needs.



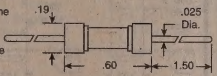
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5761-73150	273.150	1/500	125	5.33	4.43	4.30
5761-73120	273.120	1/200	125	5.70	5.06	4.30
5761-73110	273.110	1/100	125	5.70	5.06	4.30
5761-73164	273.164	1/64	125	5.70	5.06	4.30
5761-73032	273.032	1/32	125	5.70	5.06	4.30
5761-73020	273.020	1/20	125	2.19	1.94	1.67
5761-73062	273.062	1/16	125	2.19	1.94	1.67
5761-73100	273.100	1/10	125	2.17	1.92	1.67
5761-73125	273.125	1/8	125	2.17	1.92	1.67
5761-73200	273.200	2/10	125	2.19	1.94	1.67
5761-73250	273.250	1/4	125	2.15	1.90	1.67
5761-73300	273.300	3/10	125	2.19	1.94	1.67
5761-73400	273.400	4/10	125	2.19	1.94	1.67
5761-73500	273.500	1/2	125	2.15	1.90	1.67
5761-73600	273.600	6/10	125	2.17	1.92	1.67
5761-73700	273.700	7/10	125	2.19	1.94	1.67
5761-73750	273.750	3/4	125	2.15	1.90	1.67
5761-73800	273.800	8/10	125	2.19	1.94	1.67
5761-73001	273 001	1	125	2.15	1.90	1.67
5761-73112	273.112	1 1/2	125	2.17	1.92	1.67
5761-73002	273 002	2	125	2.17	1.92	1.67
5761-73003	273 003	3	125	2.19	1.94	1.67
5761-73004	273 004	4	125	2.19	1.94	1.67
5761-73005	273 005	5	125	2.17	1.92	1.67

2AG FUSES

224 Series (Axial Lead) Fast-Acting Fuses

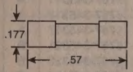
The 2AG fuse provides the same performance characteristics as the universal standard 3AG design in less than one-third the space.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5760-24250	224.250	1/4	250	.99	.91	.78
5760-24375	224.375	3/8	250	.99	.91	.78
5760-24500	224.500	1/2	250	.50	.45	.40
5760-24750	224.750	3/4	250	.51	.46	.40
5760-24001	224 001	1	250	.50	.45	.40
5760-24002	224 002	2	250	.51	.46	.40
5760-24003	224 003	3	250	.50	.45	.40
5760-24004	224 004	4	125	.51	.46	.40
5760-24005	224 005	5	125	.51	.46	.40

225 Series Fast-Acting Fuses



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5760-25125	225.125	1/8	250	.79	.72	.62
5760-25250	225.250	1/4	250	.78	.71	.62
5760-25500	225.500	1/2	250	.30	.28	.24
5760-25001	225 001	1	250	.30	.28	.24
5760-25112	225.112	1 1/2	250	.31	.29	.24
5760-25002	225 002	2	250	.30	.28	.24
5760-25003	225 003	3	250	.30	.28	.24
5760-25004	225 004	4	125	.31	.29	.24

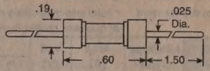
229 Series Slo-Blo® Fuses

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5760-29250	229.250	1/4	250	.41	.38	.33
5760-29500	229.500	1/2	250	.41	.38	.33
5760-29001	229 001	1	250	.41	.38	.33
5760-29112	229.112	1 1/2	250	.42	.39	.33
5760-29002	229 002	2	250	.41	.38	.33
5760-29003	229 003	3	250	.41	.38	.33
5760-29004	229 004	4	125	.42	.39	.33
5760-29005	229 005	5	125	.41	.38	.33
5760-29007	229 007	7	125	.42	.39	.33

2AG FUSES (con't)

230 Series (Axial Lead) Slo-Blo® Fuses



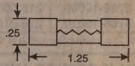
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5760-30250	230.250	1/4	250	.69	.63	.53
5760-30500	230.500	1/2	250	.68	.62	.53
5760-30750	230.750	3/4	250	.68	.62	.53
5760-30001	230 001	1	250	.68	.62	.53
5760-30002	230 002	2	250	.69	.63	.53
5760-30312	230.312	3 1/2	250	.69	.63	.53
5760-30004	230 004	4	125	.69	.63	.53
5760-30005	230 005	5	125	.70	.64	.53

3AG FUSES

312 Series Fast-Acting Fuses

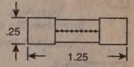
A standard for cost effective reliability and performance in circuit protection, the 3AG fuse satisfies a broad range of application requirements.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5760-12062	312.062	1/16	250	.93	.85	.73
5760-12125	312.125	1/8	250	.93	.85	.73
5760-12175	312.175	.175	250	.93	.85	.73
5760-12187	312.187	3/16	250	.93	.85	.73
5760-12250	312.250	1/4	250	.57	.53	.45
5760-12300	312.300	3/10	250	.58	.54	.45
5760-12375	312.375	3/8	250	.58	.54	.45
5760-12500	312.500	1/2	250	.39	.35	.30
5760-12750	312.750	3/4	250	.39	.35	.31
5760-12001	312 001	1	250	.24	.22	.19
5760-12114	312.114	1 1/4	250	.25	.23	.20
5760-12112	312.112	1 1/2	250	.25	.23	.20
5760-12002	312 002	2	250	.25	.23	.20
5760-12212	312.212	2 1/2	250	.25	.23	.20
5760-12003	312 003	3	250	.24	.22	.19
5760-12004	312 004	4	250	.38	.35	.31
5760-12005	312 005	5	250	.38	.35	.31
5760-12006	312 006	6	250	.39	.36	.31
5760-12007	312 007	7	250	.39	.36	.31
5760-12008	312 008	8	250	.53	.48	.42
5760-12010	312 010	10	250	.52	.47	.42

313 Series Slo-Blo® Fuses



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each 1	100	500
5760-13031	313.031	1/32	250	1.88	1.72	1.46
5760-13062	313.062	1/16	250	1.49	1.36	1.16
5760-13100	313.100	1/10	250	1.49	1.36	1.16
5760-13125	313.125	1/8	250	1.47	1.35	1.16
5760-13200	313.200	2/10	250	1.49	1.36	1.16
5760-13250	313.250	1/4	250	.87	.80	.70
5760-13300	313.300	3/10	250	.90	.82	.70
5760-13375	313.375	3/8	250	.90	.82	.70
5760-13400	313.400	4/10	250	.90	.82	.70
5760-13500	313.500	1/2	250	.83	.76	.67
5760-13600	313.600	6/10	250	.86	.79	.67
5760-13700	313.700	7/10	250	.86	.79	.67
5760-13750	313.750	3/4	250	.86	.79	.67
5760-13800	313.800	8/10	250	.86	.79	.67
5760-13001	313 001	1	250	.83	.76	.67
5760-13114	313.114	1 1/4	250	.65	.60	.51
5760-13112	313.112	1 1/2	250	.64	.59	.51
5760-13161	313.161	1 6/10	250	.65	.60	.51
5760-13002	313 002	2	250	.63	.58	.51
5760-13212	313.212	2 1/2	250	.65	.60	.51
5760-13003	312 003	3	250	.64	.59	.51
5760-13321	313.321	3 2/10	250	.65	.60	.51
5760-13004	313 004	4	250	.65	.60	.51
5760-13005	313 005	5	250	.64	.59	.51
5760-13614	313.614	6 1/4	250	.65	.60	.51
5760-13007	313 007	7	250	.65	.60	.51
5760-13008	313 008	8	32	.65	.60	.51
5760-13010	313 010	10	32	.87	.80	.68
5760-13012	313 012	12	32	.87	.80	.68
5760-13015	313 015	15	32	.87	.80	.68
5760-13020	313 020	20	32	.87	.80	.68
5760-13025	313 025	25	32	.87	.80	.68
5760-13030	313 030	30	32	.87	.80	.68

Littelfuse® Fuses and Holders

DIMENSIONS (IN.)

5mm x 20mm

216 Series Fast Acting Fuses

- Designed to IEC standard
- 1500 amp interrupting rating ✻

For quantities greater than listed, call for quote.

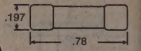
MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-16125	216.125	.125	250	1.02	.94	.81
5765-16200	216.200	.200	250	1.02	.94	.81
5765-16250	216.250	.250	250	1.02	.94	.81
5765-16500	216.500	.500	250	1.02	.94	.81
5765-16630	216.630	.630	250	1.02	.94	.81
5765-16800	216.800	.800	250	1.02	.94	.81
5765-16001	216 001	1	250	1.02	.94	.81
5765-16114	216.114	1.25	250	1.02	.94	.81
5765-16161	216.161	1.6	250	1.02	.94	.81
5765-16002	216 002	2	250	1.02	.94	.81
5765-16212	216.212	2.5	250	1.02	.94	.81
5765-16316	216.316	3.15	250	1.02	.94	.81
5765-16004	216 004	4	250	1.02	.94	.81
5765-16005	216 005	5	250	1.02	.94	.81
5765-16631	216.631	6.3	250	1.02	.94	.81
5765-16008	216 008	8	250	1.16	1.06	.91
5765-16010	216 010	10	250	1.16	1.06	.91

217 Series Fast Acting Fuses

- Designed to IEC standard
- 35 amp interrupting rating ✻

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-17125	217.125	.125	250	1.18	1.08	.95
5765-17200	217.200	.200	250	.74	.67	.58
5765-17250	217.250	.250	250	.74	.67	.58
5765-17500	217.500	.500	250	.22	.20	.17
5765-17630	217.630	.630	250	.22	.20	.17
5765-17800	217.800	.800	250	.22	.20	.17
5765-17001	217 001	1	250	.22	.20	.17
5765-17114	217.114	1.25	250	.22	.20	.17
5765-17161	217.161	1.6	250	.22	.20	.17
5765-17002	217 002	2	250	.22	.20	.17
5765-17212	217.212	2.5	250	.22	.20	.17
5765-17316	217.316	3.15	250	.22	.20	.17
5765-17004	217 004	4	250	.22	.20	.17
5765-17005	217 005	5	250	.22	.20	.17
5765-17631	217.631	6.3	250	.22	.20	.17
5765-17008	217 008	8	250	.89	.81	.69
5765-17010	217 010	10	250	.89	.81	.69

218 Series SLO-BLO® Fuses



- Designed to IEC standard
- 35 amp interrupting rating ✻

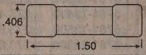
MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-18125	218.125	.125	250	.93	.85	.74
5765-18200	218.200	.200	250	.93	.85	.74
5765-18250	218.250	.250	250	.93	.85	.74
5765-18500	218.500	.500	250	.67	.62	.53
5765-18630	218.630	.630	250	.67	.62	.53
5765-18800	218.800	.800	250	.67	.62	.53
5765-18001	218 001	1	250	.67	.62	.53
5765-18114	218.114	1.25	250	.67	.62	.53
5765-18161	218.161	1.6	250	.67	.62	.53
5765-18002	218 002	2	250	.67	.62	.53
5765-18212	218.212	2.5	250	.67	.62	.53
5765-18316	218.316	3.15	250	.67	.62	.53
5765-18004	218 004	4	250	.67	.62	.53
5765-18005	218 005	5	250	.67	.62	.53
5765-18631	218.631	6.3	250	.67	.62	.53
5765-18008	218 008	8	250	.93	.85	.73
5765-18010	218 010	10	250	.93	.85	.73

✻ The interrupting rating is the maximum current, at the rated voltage, that the fuse can safely open without the possibility of rupturing.

KLK SERIES MIDGET AC FAST ACTING FUSES

- For circuits with high AC fault capacity
- 100,000 amp interrupting rating

For quantities greater than listed, call for quote.

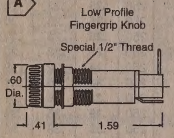


MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	10	100
5766-KK001	KLK1	1	600	6.84	5.99	5.10
5766-KK002	KLK2	2	600	6.84	5.99	5.10
5766-KK003	KLK3	3	600	6.84	5.99	5.10
5766-KK004	KLK4	4	600	6.84	5.99	5.10
5766-KK005	KLK5	5	600	6.84	5.99	5.10
5766-KK006	KLK6	6	600	6.84	5.99	5.10

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	10	100
5766-KK007	KLK7	7	600	6.84	5.99	5.10
5766-KK010	KLK10	10	600	6.84	5.99	5.10
5766-KK015	KLK15	15	600	5.86	5.13	4.36
5766-KK020	KLK20	20	600	7.19	6.29	5.35
5766-KK025	KLK25	25	600	7.19	6.29	5.35
5766-KK030	KLK30	30	600	7.19	6.29	5.35

A



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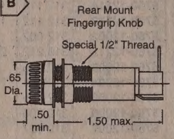

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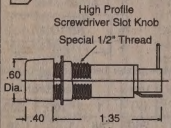

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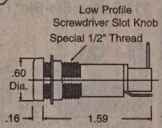

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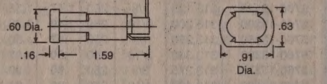

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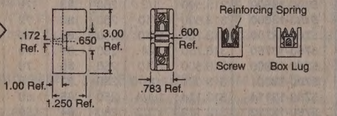

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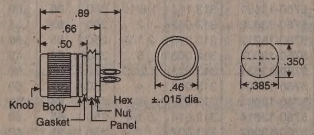

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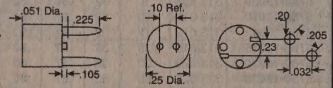
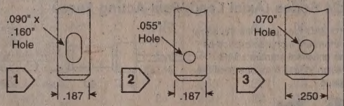


TERMINAL TYPES



1 3/16" Dual Purpose Solder/Quick Connect

2 3/16" NEMA Quick Connect

3 1/4" NEMA/DIN Quick Connect

INTERNATIONAL SHOCK-SAFE FUSE HOLDERS

- Designed to IEC standard
- Panel mount type

For 3AG Fuses, Right Angle Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Term Type	Size	Price Each		
				1	100	500
5767-345311	A	1	3/16"	1.89	1.68	1.52
5767-345313	A	2	3/16"	1.89	1.68	1.52
5767-345317	A	3	1/4"	2.01	1.79	1.62
5767-345321	B	1	3/16"	2.01	1.79	1.62
5767-345323	B	2	3/16"	2.01	1.79	1.62
5767-345327	B	3	1/4"	2.13	1.90	1.72
5767-345331	C	1	3/16"	1.89	1.68	1.52
5767-345333	C	2	3/16"	1.89	1.68	1.52
5767-345337	C	3	1/4"	2.01	1.79	1.62
5767-345341	D	1	3/16"	1.89	1.68	1.52
5767-345343	D	2	3/16"	1.89	1.68	1.52
5767-345347	D	3	1/4"	2.01	1.79	1.62
5767-345351	E	1	3/16"	2.01	1.79	1.62
5767-345353	E	2	3/16"	2.01	1.79	1.62
5767-345357	E	3	1/4"	2.13	1.90	1.72

For 5mm x 20mm Fuses, Right Angle Terminals

MOUSER STOCK NO.	Fig.	Term Type	Size	Price Each 1	100	500
5767-345511	A	1	3/16"	2.14	1.91	1.73
5767-345513	A	2	3/16"	2.14	1.91	1.73
5767-345517	A	3	1/4"	2.27	2.02	1.83
5767-345521	B	1	3/16"	2.27	2.02	1.83
5767-345523	B	2	3/16"	2.27	2.02	1.83
5767-345527	B	3	1/4"	2.39	2.13	1.93
5767-345531	C	1	3//16"	2.14	1.91	1.73
5767-345533	C	2	3/16"	2.14	1.91	1.73
5767-345537	C	3	1/4"	2.27	2.02	1.83
5767-345541	D	1	3/16"	2.14	1.91	1.73
5767-345543	D	2	3/16"	2.14	1.91	1.73
5767-345547	D	3	1/4"	2.27	2.02	1.83
5767-345551	E	1	3/16"	2.27	2.02	1.83
5767-345553	E	2	3/16"	2.27	2.02	1.83
5767-345557	E	3	1/4"	2.39	2.13	1.93

FUSE BLOCKS FOR 13/32" x 1 1/2" MIDGET FUSES

Features:

- 600 volt rating
- Inter-locking feature allows multiple pole capability
- Maximum wire size: box lug #6cu, screw #10cu

Box Lugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	No. of Poles	Price Each		
				1	10	100
5767-63111	F	30	1	7.11	6.61	5.95
5767-63121	F	30	2	14.22	13.23	11.91
5767-63131	F	30	3	21.33	19.84	17.86

Screw Terminals

MOUSER STOCK NO.	Fig.	Amp (A)	No. of Poles	Price Each		
				1	10	100
5767-63112	F	20	1	3.44	3.20	2.88
5767-63122	F	20	2	5.93	5.51	4.96
5767-63132	F	20	3	7.83	7.28	6.55

RF-SHIELDED 282 SERIES MICRO™ FUSE FUSE HOLDER

Space saving. Screw-on drip-proof knob construction permits use when presence of moisture exists at front of panels.

Specifications:

- Electrical: rated at 5 amp for any voltage up to 125V
- Panel thickness (max): .093
- Molded parts: black thermoplastic
- Housing, knob, and nut: aluminum, untreated
- Chromate finish for RF shielding

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mounting	Price Each		
			1	100	500
5767-82001	G	Front Panel	7.22	6.42	5.83

MICRO™ FUSE/PICO® II 281 SERIES PCB FUSE HOLDER

Will accept Littelfuse Microfuse and PICO® II fuses (rated to 5 amp) with .025" diameter leads.

Specifications:

- Electrical: rated @ 5 amp, for any voltage up to 125V
- Terminals: silver plated, copper alloy
- Molded parts: white thermoplastic
- Ambient temperature: -40°C to +100°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mounting	Price Each		
			1	100	500
5767-81005	H	Vertical	1.42	1.26	1.01

Jewell Digital Panel Meters and Loop Power Modules

The Jewell digital panel meters promotes reliability, quality workmanship and competitive pricing for a variety of market applications. Combining unmatched performance with a high degree of dependability, the digital LCD meters are the logical choice for many applications that require instrumentation. All of these Jewell Digital Panel meters have a common operating temperature of 0°C to +50°C and a storage temperature of -20°C to +70°C.

590 SERIES 3-1/2 DIGIT LCD METERS

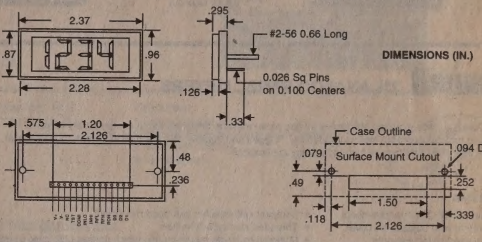
Display:
- Type: 7-segment reflective, dual edge, liquid crystal display
- Digits: 3 1/2 (1999) digits, 0.5" (12.7mm) height
- Polarity: displays (-) automatically
- Annuciators: 9 VDC powered meters have "LO Bat" when power <7.2 VDC
- Decimal point: user selectable 3 position decimal point
- Over/under range: overrange displays "1" and underrange displays "-1"

Operation:
- Accuracy: ± (0.1% rdg + 2 digit) with 5 VDC power
  ± (0.1% rdg + 1 digit) with 9 VDC power
- Conversion rate: 2.5 per second
- Common mode voltage: ± 1 volt (maximum)
- Common mode reject: > 86 decibels
- Zeroing: automatic

Analog Inputs:
- Configuration: true differential input and reference
- Protection: 250 VDC or 150 VRMS continuous, 300 VDC intermittent (maximum)
- Bias current: 1pA (typical), 10pA (maximum)
- Impedance: 10MΩ (typical)

Mounting:
- Surface mount

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each		
					1	5	10
564-5900	5900100090	200mV	9	No backlight	**35.25**	**31.75**	**Call For Quote**
564-5901	5900100040	200mV	5	No backlight	**35.25**	**31.75**	
564-5902	5900100190	2V	9	No backlight	**35.25**	**31.75**	
564-5903	5900100140	2V	5	No backlight	**35.25**	**31.75**	
564-5904	5900102091	200mV	9	Positive green backlight	**54.50**	**49.05**	
564-5905	5900102041	200mV	5	Positive green backlight	**54.50**	**49.05**	
564-5906	5900104091	200mV	9	Negative green backlight	**56.00**	**50.40**	
564-5907	5900104041	200mV	5	Negative green backlight	**56.00**	**50.40**	
564-5908	5900106091	200mV	9	Negative red backlight	**56.00**	**50.40**	
564-5909	5900106041	200mV	5	Negative red backlight	**56.00**	**50.40**	


DIMENSIONS (IN.)

59M SERIES MINIATURE 3-1/2 DIGIT LCD METERS

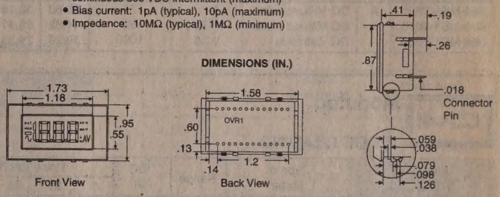
Display:
- Type: 7-segment reflective, dual edge, liquid crystal display
- Digits: 3 1/2 (1999) digits, 0.5" (12.7mm) height
- Polarity: displays (-) automatically
- Annuciators: 12 different user selectable annunciators. (BAT, °C, °F, ~, m, u, MΩ, kΩ, V, A, Hold 1 and Hold 2)
- Decimal point: user selectable 3 position decimal point
- Over/under range: overrange displays "1" and underrange displays "-1"

Operation:
- Accuracy: ± (0.2% rdg + 1 digit) with 5 VDC power
  ± (0.1% rdg + 1 digit) with 9 VDC
- Conversion rate: 2.5 per second
- Common mode voltage: ± 1 volt (maximum)
- Common mode reject: > 86 decibels
- Zeroing: automatic

Analog Inputs:
- Configuration: true differential input and reference
- Protection: 250 VDC or 150 VRMS continuous 300 VDC intermittent (maximum)
- Bias current: 1pA (typical), 10pA (maximum)
- Impedance: 10MΩ (typical), 1MΩ (minimum)

Mounting:
- Mini snap-in bezel mounting

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each		
					1	5	10
564-59M0	59M0660090	200mV	9	No backlight	**33.75**	**30.40**	**Call For Quote**
564-59M1	59M0660040	200mV	5	No backlight	**33.75**	**30.40**	
564-59M2	59M0660190	2V	9	No backlight	**33.75**	**30.40**	
564-59M3	59M0660140	2V	5	No backlight	**33.75**	**30.40**	


DIMENSIONS (IN.)

59L SERIES 3-1/2 DIGIT LED METERS

Display:
- Type: 7-segment reflective light emitting diode (LED)
- Digits: 3 1/2 (1999) digits, 0.5" (12.7mm) height
- Polarity: displays (-) automatically
- Decimal point: user selectable 3 position decimal point
- Over/under range: overrange displays "1" and underrange displays "-1"

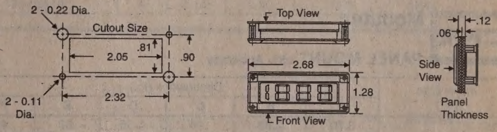
Operation:
- Accuracy: ± (0.1% rdg + 2 digit)
- Conversion rate: 3.4 per second
- Common mode voltage: ± 1 volt (maximum)
- Common mode reject: > 86 decibels
- Zeroing: automatic

Analog Inputs:
- Configuration: bipolar, fully differential
- Protection: 350 VDC, ± 10 VDC (200mV range)
- Bias current: 100pA (typical), 1pA (typical) (200mV range
- Impedance: 1MΩ (typical), 1000MΩ (typical) (200mV range)

Mounting:
- Surface mount / window mount

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each		
					1	5	10
564-59L0	59LH558040	200mV	5	Green LED	**47.75**	**43.00**	**Call For Quote**
564-59L1	59LH558140	2V	5	Green LED	**47.75**	**43.00**	
564-59L2	59LH559040	200mV	5	Red LED	**47.75**	**43.00**	
564-59L3	59LH559140	2V	5	Red LED	**47.75**	**43.00**	

DIMENSIONS (IN.)



594 SERIES 4-1/2 DIGIT LCD METERS

Display:
- Type: 7-segment reflective, dual edge, liquid crystal display
- Digits: 4 1/2 (19999) digits, 0.5" (12.7mm) height
- Polarity: displays (-) automatically
- Annuciators: 9 VDC powered meters have "BT" when power < 7.2 VDC
- Decimal point: user selectable 4 position decimal point
- Over/under range: overrange displays "1" and underrange displays "-1"

Operation:
- Accuracy: ± (0.1% rdg + 2 digit) with 5 VDC power
- ±(0.06% rdg + 1 digit) with 9 VDC power
- Conversion rate: 2.5 per second
- Common mode voltage: ± 1 volt (maximum)
- Common mode reject: > 86 decibels

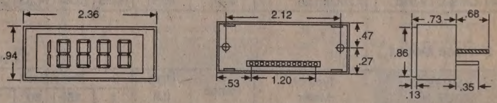
Zeroing: automatic

Analog Inputs:
- Configuration: true differential input and reference
- Protection: 250 VDC or 150 VRMS continuous, 300 VDC intermittent (maximum)
- Bias current: 50pA (typical)
- Impedance: 10MΩ (typical)

Mounting:
- Surface mount

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each		
					1	5	10
564-5940	594H100040	200mV	5	No backlight	**75.25**	**67.75**	**Call For Quote**
564-5941	594H100140	2V	5	No backlight	**75.25**	**67.75**	
564-5942	594H100090	200mV	9	No backlight	**75.25**	**67.75**	
564-5943	594H100190	2V	9	No backlight	**75.25**	**67.75**	

DIMENSIONS (IN.)

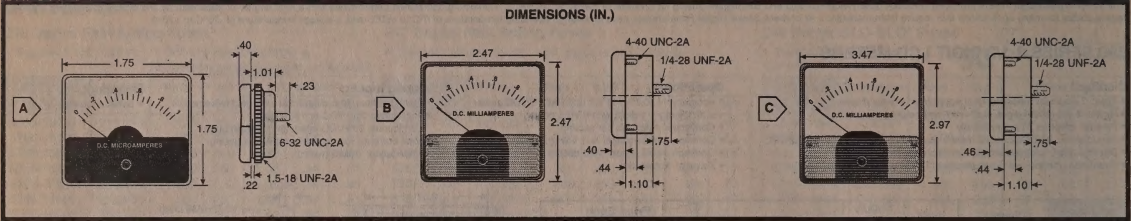


LPM SERIES LOOP POWER MODULES

This series of Loop Power Modules provides a loop controlled panel meter. It is compatible with virtually any 4-20mA or 10-50mA DC process loop. These Loop Power Modules attach directly to the applicable series of Jewell digital panel meters.

MOUSER STOCK NO.	Jewell Part No.	Description	Price Each		
			1	5	10
564-59020	LPM-590-20	Process loop for 590 Series meters	**36.00**	**32.40**	**Call For Quote**
564-59M66	LPM-59M-66	Process loop for 59M Series meters	**47.50**	**42.75**	
564-59L55	LPM-59L-55	Process loop for 59L Series meters	**36.00**	**32.40**	
564-59420	LPM-594-20	Process loop for 594 Series meters	**42.25**	**38.00**	

Specifications:
- Supply voltage: powered by milliamp control loop for LPM-0590-20, LPM-59M-66, and LPM-594-20; +5VDC at 200mA for LPM-59L-55
- Input: 4-20mA DC for all series
- Accuracy: ±0.1% reading ±2 digit for LPM-590-20 and LPM-59L-20; ±0.6% reading ±1 digit for LPM-594-20; ±0.2% reading ±1 digit for LPM-59M-66
- Adjustments: SPAN (GAIN) and ZERO (OFFSET) for all series
- Decimal point: user selectable 3 position for LPM-590-20, LPM-59M-66, and LPM-59L 55; user selectable 4 positions for LPM-594-20
- Operating temperature: 0°C to +50°C
- Storage temperature: -10°C to +60°C
- Connection: two pin screw terminal for LPM-590-20, LPM-59M-55, and LPM-594-20; four pin screw terminal for LPM-59L-55



Jewell 2% ANALOG PANEL METERS

The Jewell surface mounted MS Series analog panel meter is designed with a contemporary concave cover to reduce glare and improve readability. Rugged and durable, this aesthetically pleasing rectangular shape interfaces with today's high technology applications.

Features:

- Meets ANSI C39.1 requirements
- External zero adjuster on cover
- One year limited warranty
- Compact self-shielded taut band movement
- Threaded stud-type terminals
- Mounted by single mounting ring which screws onto case barrel

1 1/2" Surface Mount Panel Meters

MOUSER STOCK NO.	Fig.	Type of Meter	Range	Standard Resistance	Price Each		
					1	5	10
564-MS1-2001	A	DC Milliammeter	0-1	77	36.88	33.19	Call For Quote
564-MS1-4050	A	DC Millivolt Meter	0-50	50	44.02	36.41	
564-MS1-5015	A	DC Voltmeter	0-15	1000	39.26	35.33	

The Jewell 70 Series surface mount panel meters offer a crystal clear cover that is distortion free and unaffected by aging. The clean, clear appearance of these meters blends with any color scheme.

Features:

- Meets ANSI C39.1 requirements
- External zero adjuster on cover
- One year limited warranty
- Compact self-shielded taut band movement
- Threaded stud-type terminals
- Four-stud surface mounting meets ANSI C39.1 drilling plan

2 1/2" Surface Mount Panel Meters

MOUSER STOCK NO.	Fig.	Type of Meter	Range	Standard Resistance	Price Each		
					1	5	10
564-72T-1050	B	DC Microammeter	0-50	2560	39.37	35.97	Call For Quote
564-72T-1100	B	DC Microammeter	0-100	730	38.16	34.35	
564-72T-2001	B	DC Milliammeter	0-1	77	34.53	31.07	
564-72T-5030	B	DC Voltmeter	0-30	1000	36.95	33.25	

3 1/2" Surface Mount Panel Meters

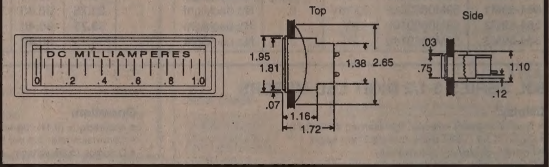
MOUSER STOCK NO.	Fig.	Type of Meter	Range	Standard Resistance	1	5	10
564-73T-2001	C	DC Milliammeter	0-1	77	37.55	33.79	Call For Quote
564-73T-3010	C	DC Ammeter	0-10	.005	46.03	41.42	
564-73T-5015	C	DC Voltmeter	0-15	1000	39.97	35.97	

Modutec

EDGE READING

MOUSER STOCK NO.	Type of Meter	Range	R_{DC} (Ω)	Price Each			
				1	25	50	100
541-ME-DMA-001	DC Milliammeter	0-1	2300	15.15	14.39	13.64	Call For Quote
541-ME-DAA-005	DC Ammeter	0-5	.002	15.15	14.39	13.64	
541-ME-DAA-010	DC Ammeter	0-10	.002	15.15	14.39	13.64	
541-ME-DVV-015	DC Voltameter	0-15	3000	15.15	14.39	13.64	
541-ME-DVV-030	DC Voltameter	0-30	6000	15.15	14.39	13.64	
541-ME-DVV-15U	DC Voltameter	15-0-15	3000	15.15	14.39	13.64	
541-ME-AVV-150	AC Voltameter	0-150	100,000	16.35	15.53	14.72	

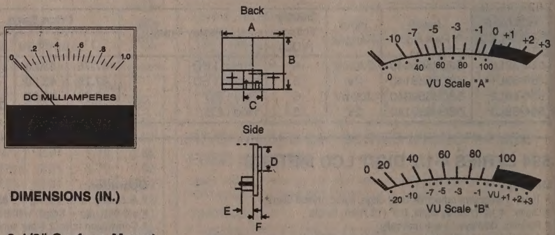
DIMENSIONS (IN.)



Modutec

PANEL MOUNT ±5% Accuracy

Meter Size (In.)	Dimensions (In.)					
	A	B	C	D	E	F
3 1/2	3.70	2.88	.94	1.55	.50	.41
2	2.48	2.36	1.10	1.41	.50	.41
1	1.51	1.59	.90	.85	.50	.38



DIMENSIONS (IN.)

1" Surface Mount

- 1" Scale

MOUSER STOCK NO.	Type of Meter	Range	R_{DC} (Ω)	Price Each			
				1	25	50	100
541-OMS-DMA-001	DC Milliammeter	0-1	2300	15.15	14.39	13.64	Call For Quote
541-OMS-DVV-015	DC Voltmeter	0-15	3000	16.35	15.44	14.63	
541-OMS-DVV-030	DC Voltmeter	0-30	6000	16.35	15.44	14.63	

2" Surface Mount

- 2" Scale

MOUSER STOCK NO.	Type of Meter	Range	R_{DC} (Ω)	Price Each			
				1	25	50	100
541-MSQ-DMA-001	DC Milliammeter	0-1	2300	17.45	16.58	15.71	Call For Quote
541-MSQ-DMA-100	DC Milliammeter	0-100	2.3	17.45	16.58	15.71	
541-MSQ-DAA-005	DC Ammeter	0-5	.002	17.45	16.58	15.71	
541-MSQ-DAA-010	DC Ammeter	0-10	.002	17.45	16.58	15.71	
541-MSQ-DVV-010	DC Voltmeter	0-10	2000	18.65	17.72	16.79	Call For Quote
541-MSQ-DVV-015	DC Voltmeter	0-15	3000	18.65	17.72	16.79	
541-MSQ-DVV-030	DC Voltmeter	0-30	6000	18.65	17.72	16.79	
541-MSQ-DVV-050	DC Voltmeter	0-50	10,000	18.65	17.72	16.79	
541-MSQ-DVV-15U	DC Voltmeter	15-0-15	3000	18.65	17.72	16.79	
541-MSQ-AVV-150	AC Voltmeter	0-150	100,000	18.65	17.72	16.79	
541-MSQ-AVU-AW	VU-Type Meter	VuScale A	- - - - -	23.25	21.25	19.25	
541-MSQ-AVU-BW	VU-Type Meter	VuScale B	- - - - -	23.25	21.25	19.25	

3 1/2" Surface Mount

MOUSER STOCK NO.	Type of Meter	Range	R_{DC} (Ω)	Price Each			
				1	25	50	100
541-MS-DUA-5H5	DC Microammeter	500-0-500	4700	19.85	18.06	16.36	Call For Quote
541-MS-DMA-001	DC Milliammeter	0-1	2300	18.65	17.72	16.79	
541-MS-DMA-010	DC Milliammeter	0-10	244	18.65	17.72	16.79	
541-MS-DAA-005	DC Ammeter	0-5	.002	18.65	17.72	16.79	
541-MS-DAA-010	DC Ammeter	0-10	.002	18.65	17.72	16.79	
541-MS-DVV-015	DC Voltmeter	0-15	3000	19.85	18.86	17.86	
541-MS-DVV-030	DC Voltmeter	0-30	6000	19.85	18.86	17.86	
541-MS-AVV-150	AC Voltmeter	0-150	100,000	19.85	18.86	17.86	

SMD PANEL METER ILLUMINATION KIT

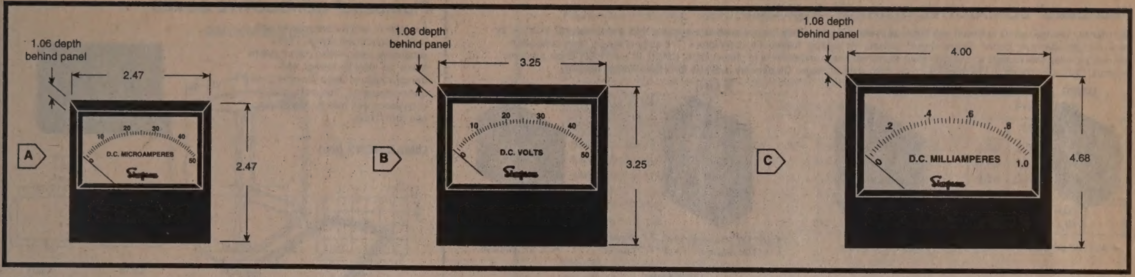
Contains:

- Two 6V lamps
- Two holders with spacers
- Written instructions

NOT AVAILABLE FOR EDGE-READING METERS

MOUSER STOCK NO.	Description	Price Each			
		1	25	50	100
541-KM6-25P	For 6 volt or 12 volt use	10.00	9.50	8.66	Call

Simpson Panel Meters



All DC wide-vue meters have the Simpson self-shielded movement - calibration is not affected by stray magnetic fields or magnetic mounting. All AC wide-vue meters have an iron vane movement and are calibrated at 60Hz. The AC ammeters and milliammeters have frequency range (for ±1% deviation from value at 60Hz) of 25 to 800Hz. The AC voltmeters have a range of 25 to 125Hz.

Features:
- Distinctive case style
- Phenolic cases with clear acrylic windows
- Wide-angle visibility
- UL recognized

Reduced to Move!

Simpson WIDE-VUE PANEL METERS

DC Voltmeters

MOUSER STOCK NO.	Fig.	Size	Range	Approx. Resistance Ω/Volt	Price Each 1	Price Each 6
529-09560	A	2 1/2	0-10	1000	53.56	Call For Quote
529-09570	A	2 1/2	0-15	1000	53.56	
529-09740	B	3 1/2	0-10	1000	55.14	

DC Ammeters

MOUSER STOCK NO.	Fig.	Size	Range	Approx. Resistance Ω/Volt	Price Each 1	Price Each 6
529-02480	A	2 1/2	0-5	.010	50.96	Call For Quote
529-02500	A	2 1/2	0-15	.0033	50.95	
529-02530	A	2 1/2	0-50	.001	50.96	
529-02640	B	3 1/2	0-1	.050	53.56	
529-02690	B	3 1/2	0-10	.005	53.56	
529-02730	B	3 1/2	0-50	.001	53.56	
529-02870	C	4 1/2	0-10	.005	58.11	
529-02910	C	4 1/2	0-50	.001	57.09	

DC Milliammeters

529-06175	A	2 1/2	0-1	43.0	50.50	Call For Quote
529-06220	A	2 1/2	0-25	4.0	50.96	
529-06310	B	3 1/2	0-1	43.0	50.13	
529-06470	C	4 1/2	0-1	43.0	55.14	

DC Microammeters

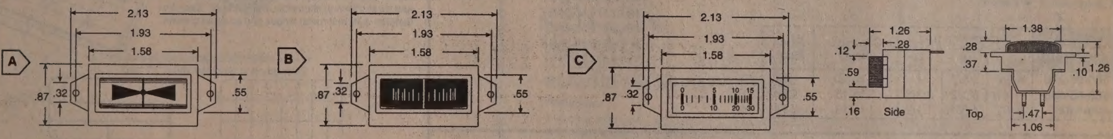
MOUSER STOCK NO.	Fig.	Size	Range	Approx. Resistance Ω/Volt	Price Each 1	Price Each 6
529-04320	A	2 1/2	0-100	1800	58.11	Call
529-04490	C	4 1/2	0-100	1800	66.65	

AC Voltmeters

MOUSER STOCK NO.	Fig.	Size	Range	Approx. Resistance Ω/Volt	Price Each 1	Price Each 6
529-09670	A	2 1/2	0-10	133	48.83	Call For Quote
529-10220	B	3 1/2	0-150	25,000	54.31	
529-10240	B	3 1/2	0-300	50,000	54.31	
529-10320	C	4 1/2	0-150	25,000	58.11	
529-10340	C	4 1/2	0-300	50,000	58.11	

AC Ammeters

MOUSER STOCK NO.	Fig.	Size	Range	Approx. Resistance Ω/Volt	Price Each 1	Price Each 6
529-02609	A	2 1/2	0-25	.002	47.62	Call
529-02619	A	2 1/2	0-50	.001	47.62	



DIMENSIONS (IN.)

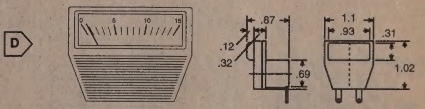
DC MINIATURE PANEL METERS

These miniature meters are small in size, but highly sensitive. They provide quick legible readings and are extremely durable mechanically.

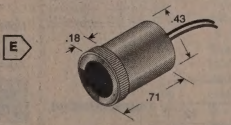
MOUSER STOCK NO.	Fig.	Scale	R_{DC} (Ω)	Features	Price Each 1	Price Each 10	Price Each 25	Price Each 50
Edge Reading								
391-0105	A	Balance	650	Zero Centering	10.45	8.71	7.92	Call For Quote
391-0115	B	20-0-20	650	Zero Centering	10.45	8.71	7.92	
391-0301	C	0-15+0-30	650	Dual Scale	10.45	8.71	7.92	
Front Panel								
39TM601	D	0-15	600	70° Scale Angle	12.49	10.87	9.88	
Battery Indicator								
391-0001	E	Red-Green	350	Battery Indicator	16.22	14.74	13.40	

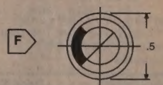
REPLACEMENT COVERS

MOUSER STOCK NO.	Fig.	Description	Price Each 1	Price Each 10	Price Each 25	Price Each 50
39TM500	F	Clear replacement cover for 391-0001 and 39TM502	.08	.05	.045	Call



DIMENSIONS (IN.)



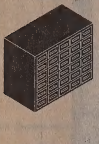


Packaging and Storage Systems

Flambeau® CONDUCTIVE STORAGE SYSTEMS

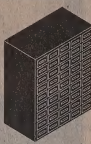
High density storage can be achieved with these all plastic cabinets. They are designed with a sturdy shell and drawer rail structure for extra strength when fully loaded. These rugged cabinets are durable, rustproof and dentproof. The state-of-the-art black conductive cabinets provides safe storage with carbon filled copolymer shells and drawers to protect MOS, CMOS, IC's, memory chips, precision resistors, ESD components, prints, and equipment from static damage. Dividers are available for added storage flexibility.

U30PC



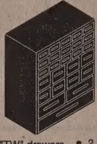
- 30 "TW" drawers

U45PC



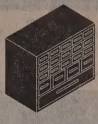
- 45 "TW" drawers

C26PC



- 15 "TW" drawers
- 8 "TQ" drawers
- 2 "TJ" drawers
- 1 "TF" drawer

C20PC



- 15 "TW" drawers
- 4 "TQ" drawers
- 1 "TF" drawer

Cabinets

MOUSER STOCK NO.	Dimensions (In.)			Price Each			
	H	W	D	1	5	10	12
582-U45PC	16 1/2	12	6	90.85	81.77	72.68	63.60
582-U30PC	11 1/4	12	6	68.37	61.53	54.70	47.85
582-C26PC	16 1/2	12	6	90.85	81.77	72.68	63.60
582-C20PC	11 1/4	12	6	68.37	61.53	54.70	47.85

Dividers

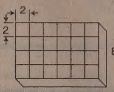
MOUSER STOCK NO.	* Fits Drawer	Price Each	
		1	24
582-3552C	TW	.22	.19
		1	12
582-57135C	TF and TJ	.67	.56

* Dividers are not available for "TQ" drawers

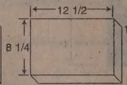
Flambeau® CONDUCTIVE BOXES

Available in single-compartment and multi-compartment styles. These conductive carbon filled polypropylene boxes are ideal for storage and transportation of static-sensitive parts and components. The material is in compliance with military specification MIL-B-81-705B.

DIMENSIONS (IN.)



C824



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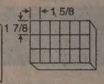
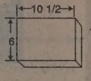


C618



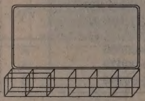
C601

MOUSER STOCK NO.	* Dimensions (In.)			Price Each			
	L	W	H	1	5	10	25
582-C601	11	6 3/4	1 3/4	18.57	16.72	14.86	13.01
582-C618	11	6 3/4	1 3/4	20.87	18.78	16.69	14.60
582-C801	13 1/8	9	2 5/16	29.38	26.45	23.51	20.57
582-C824	13 1/8	9	2 5/16	34.49	31.04	27.59	24.14

* Includes outside lid overlap and hinges

Flambeau® K-RESIN BOXES

These compact compartmented transparent, K-resin boxes are designed for heavy duty applications and are superior to ordinary polystyrene boxes. K-resin boxes are less susceptible to breakage.

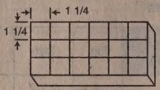


DIMENSIONS (IN.)

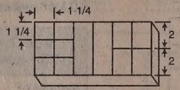
"200" Series

MOUSER STOCK NO.	Price Each			
	1	6	12	24
582-K200	3.57	3.21	2.86	2.50
582-K201	3.57	3.21	2.86	2.50
582-K203	3.57	3.21	2.86	2.50
582-K206	3.57	3.21	2.86	2.50
582-K208	3.57	3.21	2.86	2.50

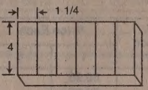
"200" Series (Overall Size: 8 1/4 x 4 1/2 x 1 3/8" deep includes outside lid overlap and hinges). All boxes are 1 1/8" tall.



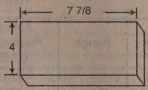
582-K200



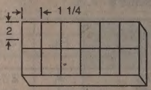
582-K201



582-K203



582-K206

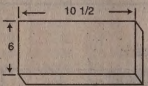


582-K208

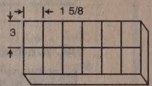
"600" Series

MOUSER STOCK NO.	Price Each			
	1	6	12	24
582-K601	6.39	5.75	5.11	4.47
582-K602	6.75	6.08	5.40	4.73
582-K606	6.75	6.08	5.40	4.73
582-K618	6.75	6.08	5.40	4.73
582-K623	6.75	6.08	5.40	4.73

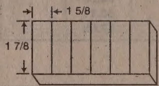
"600" Series (Overall Size: 11 x 6 3/4 x 1 3/4" deep includes outside lid overlap and hinges). All boxes are 1 1/2" tall.



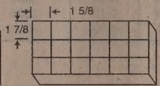
582-K601



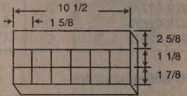
582-K602



582-K606



582-K618

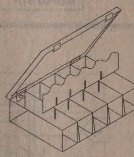


582-K623

PLASTIC UTILITY BOXES

Tough, durable polypropylene boxes with snap-tight lids, heavy partitions and walls, and sturdy hinges. Partitions are moveable in the two larger boxes to meet storage requirements.

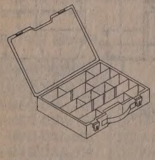
- Translucent
- Flexible



MOUSER STOCK NO.	Dimensions (In.)			Compart-ments	Price Each
	L	W	H		
560-05-206	4 3/8	2 5/8	1	6 equal	.97
560-05-505	11 1/4	6 1/2	2 3/8	5 to 15	4.90
400-1406	8 1/2	4 3/4	1 1/2	1 to 18	2.94

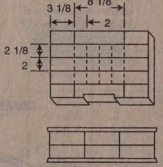
Flambeau® SATCHEL-STYLE CASES

These satchel-style cases are molded from rugged copolymer resin to meet a variety of storage and carrying needs. Features include: comfortable strap handle retained by rustproof metal hardware, double draw bolt latches, pinned hinges, tongue-and-groove amber-tinned cover. Copolymer resin provides a rustproof, odor and oil resistant case of almost unlimited use.

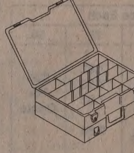


Model 724-2 (15" x 11 3/4" x 2 1/2") with 15 removable dividers. Users can customize this case from 9 to 24 compartments.

MOUSER STOCK NO.	Price Each			
	1	4	6	12
582-7242	19.75	17.78	15.80	13.82



DIMENSIONS (IN.)

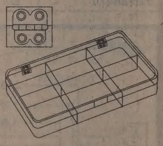


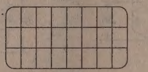
Model 748-2 (15" x 11 3/4" x 5") A two sided case with 9 to 24 compartments available per side. Boxes are sonically welded together for strength. (With dividers)

MOUSER STOCK NO.	Price Each			
	1	4	6	12
582-7482	37.81	34.03	30.25	26.47

Flambeau MIGHTY TUFF® PARTS BOXES

These compact, compartmented boxes are superior to ordinary polystyrene boxes. Mighty Tuff boxes are molded from sturdy, transparent cellulose propionate, and provide for virtually any storage need. Quality construction is virtually unbreakable, resistant to oil and most common chemicals and solvents. Each box features rustproof metal hinges and rounded corners.





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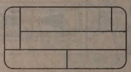

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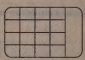

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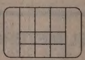

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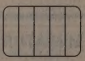

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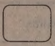

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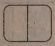

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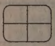

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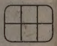


5206

* Inside dimensions

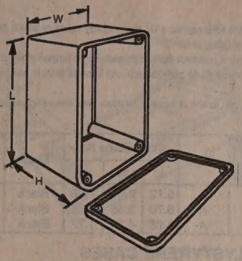
MOUSER STOCK NO.	* Dimensions (In.)			Price Each			
	L	W	D	1	6	12	24
582-5129	11 7/8	5 7/8	1 7/16	11.76	10.58	9.41	Call For Quote
582-5130	11 7/8	5 7/8	1 7/16	11.76	10.58	9.41	
582-5126	7	4	1 1/16	6.41	5.77	5.13	
582-5127	7	4	1 1/16	6.41	5.77	5.13	
582-5128	7	4	1 1/16	6.41	5.77	5.13	
582-5200	4 3/8	2 5/8	1 1/16	4.01	3.62	3.21	
582-5202	4 3/8	2 5/8	1 1/16	4.01	3.62	3.21	
582-5204	4 3/8	2 5/8	1 1/16	4.01	3.62	3.21	
582-5206	4 3/8	2 5/8	1 1/16	4.01	3.62	3.21	

HAMMOND MANUFACTURING

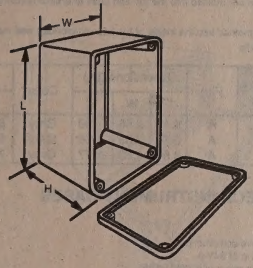
Plastic Cases and Boxes

DIMENSIONS (IN.)

A



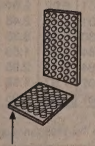
B



- Optional water-tight sealing kit available
- Also available in blue, gray, and beige

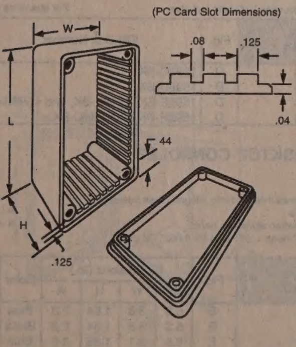
Contact a Mouser service representative for details

C



- Optional Removable card guides accent .062" PC cards vertically or horizontally

D



POLYSTYRENE GENERAL PURPOSE CASES

Ideally suited for mounting printed circuit boards with optional PC card adaptors.

Features:

- High impact polystyrene plastic
- Stocked in black
- Countersunk lid is secured with self-tapping #4x1/2" slotted screws

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H		1	10	50	100
546-1591GS-BK	A	4.8	3.7	1.36	Black	4.00	3.33	3.18	Call For Quote
546-1591HS-BK	A	6.5	2.8	1.16	Black	3.98	2.63	2.51	
546-1591SS-BK	A	4.3	3.2	1.76	Black	4.28	3.57	3.40	
546-1591TS-BK	A	4.7	3.2	2.36	Black	4.72	3.93	3.75	
546-1591US-BK	A	4.8	4.8	2.36	Black	5.06	4.22	4.02	
546-1591VS-BK	A	4.7	4.7	3.66	Black	6.06	5.05	4.81	

ELECTRONIC ENCLOSURES

Plastic Instrument Boxes

Features:

- Medium impact ABS thermoplastic with flame retardant properties
- Comes with M3 x .5 x 16mm countersunk phillips machine screws which fasten into integral brass bushings
- UL flammability rating of 94V-0
- Lightly textured finish
- Continuous use temperature rating of 60°C (140°F)
- Interlocking flanged lid

*Lid adds .472" to overall height of box or .394" to inside height

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H*		1	10	50	100
546-1594A-BK	B	2.17	2.17	1.10	Black	6.90	5.74	5.49	Call For Quote
546-1594B-BK	B	3.15	2.17	1.10	Black	7.46	6.23	5.94	
546-1594C-BK	B	4.13	2.56	1.30	Black	8.36	6.98	6.65	
546-1594D-BK	B	5.12	2.56	1.70	Black	8.96	7.48	6.72	
546-1594E-BK	B	6.50	4.13	2.09	Black	11.64	9.72	9.25	

PC Card Guides

- Packed 25 sets per package, four guides to set

MOUSER STOCK NO.	Fig.	Fits Cases	Price Each		
			1	10	50
546-1594AZ-25	C	546-1594A	6.00	5.00	Call For Quote
546-1594BZ-25	C	546-1594B	6.00	5.00	
546-1594CZ-25	C	546-1594C	6.00	5.00	
546-1594DZ-25	C	546-1594D	6.00	5.00	
546-1594EZ-25	C	546-1594E	6.00	5.00	

Optional Water Tight Sealing Kits

Each kit is comprised of 1 die cut gasket, 4 replacement screws, and 6 "O"-rings (2 spares).

MOUSER STOCK NO.	Fits Box Number	Price Each			
		1	10	50	100
546-1594SKA	546-1594A-BK	3.96	3.31	3.15	Call For Quote
546-1594SKB	546-1594B-BK	3.96	3.31	3.15	
546-1594SKC	546-1594C-BK	3.96	3.31	3.15	
546-1594SKD	546-1594D-BK	3.96	3.31	3.15	
546-1594SKE	546-1594E-BK	3.96	3.31	3.15	

POLYSTYRENE PLASTIC CASES

Features:

- Black polystyrene plastic lid with countersunk screws
- Card guides accept .062" PC cards

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H		1	10	50	100
546-1591AS-BK	D	4.00	2.00	1.00	Black	2.94	2.45	2.33	Call For Quote
546-1591BS-BK	D	4.40	2.44	1.20	Black	3.18	2.66	2.53	
546-1591CS-BK	D	4.75	2.56	1.56	Black	3.38	2.82	2.68	
546-1591DS-BK	D	6.00	3.15	2.00	Black	5.00	4.17	3.98	
546-1591ES-BK	D	7.50	4.33	2.38	Black	6.00	5.01	4.77	
546-1591LS-BK	D	3.35	2.20	1.27	Black	3.16	2.64	2.51	

PLASTIC INSTRUMENT BOXES

Features:

- Molded in an improved medium impact ABS thermoplastic with flame retardant properties
- UL flammability rating of 94V-0
- Continuous use temperature rating of 60°C (140°F)
- Comes with M3 x .5 x 10mm, phillips machine screws, countersunk lid, and tapped integral brass bushings
- Interlocking flanged lid
- Internal slot holds .062" PC cards
- Comes with ABS lid in matching color
- Average wall thickness .062"
- Optional PC card adaptors available for horizontal mounting of PC cards
- Also available in blue, gray, and beige. Contact a Mouser service representative for details
- 546-1591E has a removable center brace

Dimensions are outside dimensions

Note: lid adds .156" to overall depth of case

546-1591A-BK	D	4.0	2.00	1.0	Black	4.70	3.92	3.73	Call For Quote
546-1591B-BK	D	4.4	2.44	1.06	Black	5.08	4.24	4.04	
546-1591B-BU	D	4.4	2.44	1.06	Blue	5.08	4.23	4.04	
546-1591C-BK	D	4.75	2.56	1.56	Black	5.40	4.51	4.29	
546-1591C-BU	D	4.75	2.56	1.56	Blue	5.40	4.51	4.29	
546-1591D-BK	D	6.0	3.15	2.0	Black	8.00	6.68	6.36	
546-1591D-BU	D	6.0	3.15	2.0	Blue	8.00	6.68	6.36	
546-1591E-BK	D	7.5	4.33	2.38	Black	9.60	8.02	7.63	
546-1591E-BU	D	7.5	4.33	2.38	Blue	9.60	8.02	7.63	
546-1591G-BK	D	4.75	3.69	1.18	Black	6.40	5.34	5.09	
546-1591H-BK	D	6.52	2.78	.98	Black	6.36	5.31	5.06	
546-1591L-BK	D	3.4	2.20	1.4	Black	5.04	4.21	4.01	Call For Quote
546-1591S-BK	D	4.33	3.23	1.58	Black	6.84	5.71	5.44	
546-1591T-BK	D	4.72	3.15	2.17	Black	7.56	6.31	6.01	
546-1591U-BK	D	4.72	4.72	2.17	Black	8.10	6.76	6.45	
546-1591V-BK	D	4.72	4.72	3.54	Black	9.70	8.10	7.72	

Plastic Cases and Consoles

DIMENSIONS (IN.)

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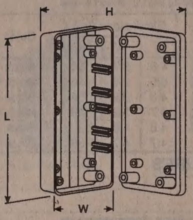

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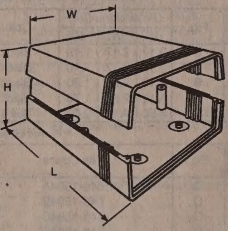

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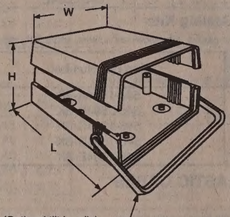

(Optional tilt handle) must be ordered separately

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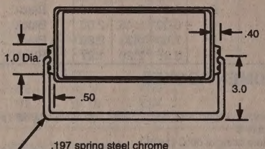

.197 spring steel chrome plated (tilt handle only)

- Optional tilt handle available (except for cases 1598A and 1598B)
- Also available in blue, gray, and beige. Contact a Mouser service representative for details.

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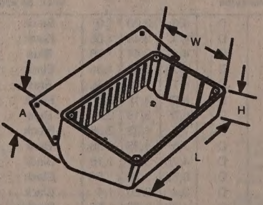


PLASTIC HAND HELD CASES

Attractively styled and ergonomically designed for use as a "hand-held" instrument enclosure. Two piece lap joint construction that provides protection from dust accumulation and splashing water. These enclosures also provide an improved surface for EMI/RFI shielding.

Features:

- Medium impact flame retardant ABS carries a UL flammability rating of 94V-0 @ 1.47 mm thickness and a continuous use temperature rating of 60°C
- Countersunk lid is secured with 4 machine screws threaded into tapped integral brass bushings
- 6 PC card mounting bosses molded into both the top and base to enable horizontal mounting using self tapping screws
- 2 keyhole knockouts molded into inside of base to facilitate wall mounting installation
- Designed to meet IP54

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H		1	10	50	100
546-1599B-BK	A	5.12	2.56	.98	Black	7.68	6.40	5.76	Call
546-1599E-BK	A	6.70	3.35	1.38	Black	9.30	7.76	6.98	For
546-1599H-BK	A	8.66	4.33	1.77	Black	11.44		8.58	Quote

HIGH IMPACT POLYSTYRENE CASES

Features:

- Countersunk lid is secured with four self tapping head screws
- Six PC card mounting bosses are molded into the top and base to enable horizontal mounting using self tapping screws
- Two key hole knockouts are molded into the inside of the base to facilitate wall mounting installation
- High impact polystyrene plastic

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H		1	10	50	100
546-1599BS-GY	A	5.12	2.56	.98	Gray	5.88	4.90	4.41	Call
546-1599ES-GY	A	6.70	3.35	1.38	Gray	6.78	5.65	5.08	For
546-1599HS-GY	A	8.66	4.33	1.77	Gray	7.90	6.58	5.92	Quote

PLASTIC TWO PIECE INSTRUMENT CASES

Features:

- Two piece tongue and groove construction
- Carries UL flammability rating of 94V-0
- Continuous use temperature rating of 60°C (140°F)
- Front and rear panels are .064" thick brushed aluminum
- Molded studs for horizontal PC board mounting
- Molded in flame retardant ABS plastic with lightly textured finish
- Comes with M3 x .5 x 10mm phillips machine screws which fasten into tapped integral brass bushings
- Two sets of vertical .062" PC board guides provided front and rear

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H		1	10	25	50
546-1598A-BK	B	6.10	3.62	1.38	Black	14.86	12.41	11.15	Call For
546-1598B-BK	B	5.24	5.24	2.01	Black	19.42	16.22	14.57	
546-1598C-BK	C	7.01	6.02	2.01	Black	22.00	18.37	16.50	
546-1598D-BK	C	7.01	7.99	2.48	Black	22.10	18.47	16.59	
546-1598E-BK	C	6.30	6.30	3.35	Black	23.58	19.69	17.69	
546-1598F-BK	C	9.84	6.30	1.58	Black	24.68	20.61	18.51	
546-1598G-BK	C	9.84	6.30	2.95	Black	23.76	19.84	17.82	
546-1598H-BK	C	11.02	7.87	1.58	Black	23.66	19.76	17.75	
546-1598J-BK	C	11.02	7.87	2.95	Black	28.00	23.38	21.00	

Optional Accessories

- For 1598 series cases

∗ Quantity of four suggested

MOUSER STOCK NO.	Descriptions				
		1	10	25	50
∗ 517-SJ-5012BK	Cylindrical rubber feet .14" x .50", black	.14	- -	- -	Call
546-1598ATS100	#4 x 5/8" self tapping screws	.09	.03	.027	For
546-1598ZPC1	Adhesive PC clips	.23	.20	.18	Quote

Optional Tilt Handle

- Instructions and mounting hardware included.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Fits Box Number	Price Each		
			1	10	25
546-1598TH153	D	1598C-BK	11.60	9.69	8.70
546-1598TH203	D	1598D-BK	11.60	9.69	8.70
546-1598TH160	D	1598E-BK, 1598F-BK, and 1598G-BK	11.60	9.69	8.70
546-1598TH200	D	1598H-BK and 1598J-BK	11.60	9.69	8.70

PLASTIC DESKTOP CONSOLES

Features:

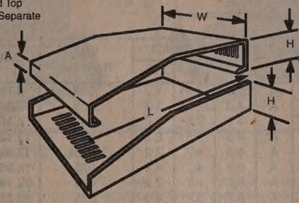
- Four slot head screws threaded into integral brass bushings hold recessed panel
- 0.04" thick gray painted aluminum panel
- Internal slots: .04" deep x .07" wide for 0.062" PC cards
- 4 self adhesive rubber feet
- .20" dia. stand-off bosses in base
- ABS plastic case

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Color	Price Each			
		L	W	H	A		1	10	50	100
546-1595C-BU	E	6.3	3.8	1.54	2.3	Blue	13.50	11.27	10.74	Call For Quote
546-1595C-BK	E	6.3	3.8	1.54	2.3	Black	13.50	11.27	10.74	
546-1595E-BU	E	8.5	5.1	1.85	2.9	Blue	16.30	13.61	12.96	
546-1595E-BK	E	8.5	5.1	1.85	2.9	Black	16.30	13.61	12.96	

Aluminum Boxes and Consoles

DIMENSIONS (IN.)

Note: Case and Top Panel Ordered Separate



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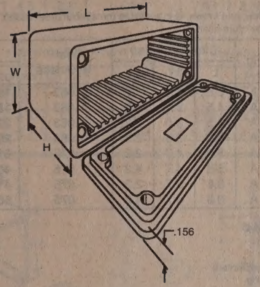

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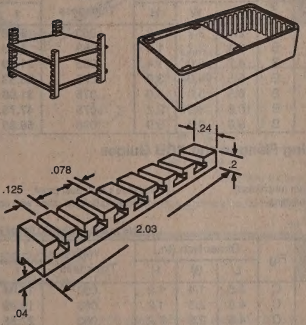

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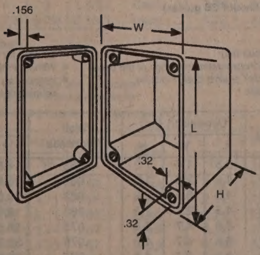

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DESK TOP CONSOLES

Aluminum Cases

- Textured baked enamel, ventilated bottom with wrap around sides. Supplied with hardware and rubber feet

(To be used with panels below)

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Color	Price Each			
		L	W	H	A		1	15	25	35
546-1456PH3C-BU	A	8.3	14.0	3.0	1.3	Blue	20.31	18.24	17.63	Call For Quote
546-1456PL3C-BU	A	11.3	14.0	3.0	1.3	Blue	24.25	21.78	21.05	
546-1456FG4C-BU	A	7.2	6.5	4.0	1.1	Blue	15.23	13.68	13.22	
546-1456KK4C-BU	A	10.2	10.0	4.0	1.1	Blue	21.58	19.38	18.73	
546-1456PK4C-BU	A	10.2	14.0	4.0	1.1	Blue	25.38	22.80	22.04	

Walnut Cases

- Solid, oiled walnut side panels on a ventilated steel base supplied with hardware and rubber feet

(To be used with panels below)

MOUSER STOCK NO.	Fig.	L	W	H	A	Color	1	15	25	35
546-1456PH3C-WW	A	8.3	14.0	3.0	1.3	Walnut	36.81	33.06	31.96	Call For Quote
546-1456PL3C-WW	A	11.3	14.0	3.0	1.3	Walnut	39.35	35.34	34.16	
546-1456FG4C-WW	A	7.2	6.5	4.0	1.1	Walnut	34.27	30.78	29.75	
546-1456KK4C-WW	A	10.2	10.0	4.0	1.1	Walnut	38.08	34.20	33.06	
546-1456PK4C-WW	A	10.2	14.0	4.0	1.1	Walnut	39.98	35.91	34.71	

Panels

- Smooth semi-gloss off-white finish. Models up to 14.0" wide are .064" thick aluminum, larger ones are .081" thick

(To be used with cases above)

MOUSER STOCK NO.	Fig.	L	W	H	A	Color	1	15	25	35
546-1456PH3P-WH	A	8.3	14.0	3.0	1.3	White	19.05	17.12	16.54	Call For Quote
546-1456PL3P-WH	A	11.3	14.0	3.0	1.3	White	20.56	18.47	17.85	
546-1456FG4P-WH	A	7.2	6.5	4.0	1.1	White	11.92	10.71	10.35	
546-1456KK4P-WH	A	10.2	10.0	4.0	1.1	White	16.50	14.82	14.33	
546-1456PK4P-WH	A	10.2	14.0	4.0	1.1	White	20.31	18.24	17.63	

PC CARD DIECAST ALUMINUM ALLOY BOXES

Features:

- Comes with 3mm slot head screws, countersunk into lid and threaded in tapped holes
- Optional PC card adaptors available for horizontal mounting of PC cards
- Internal slots on 0.2" centers hold .062" thick PC cards or dividers
- Average wall thickness 1.6mm (.062")
- Rated to 600°C (1112°F) temperatures
- Interlocking flanged lid

† This model has six mounting studs/holes

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H		1	10	50	100
546-1590L	B	4.0	2.0	1.0	Unfinished	7.10	6.55	6.46	Call For Quote
546-1590M	B	4.4	2.44	1.22	Unfinished	8.53	7.31	7.23	
546-1590N	B	4.75	2.56	1.56	Unfinished	9.67	8.29	8.19	
546-1590P	B	6.0	3.15	2.0	Unfinished	12.62	10.81	10.70	
† 546-1590R	B	7.5	4.33	2.38	Unfinished	19.65	16.84	16.66	

PC CARD ADAPTORS

PC adaptors allow mounting of PC cards at right angles to the vertical slots molded into Hammond plastic boxes and diecast cases 1590L through 1590R.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Quantity Per Package	Price Per Package	
			1	6
546-1591Z6	C	6	2.28	1.90
546-1591Z100	C	100	25.06	20.93

DIECAST ALUMINUM ALLOY BOXES

Features:

- Drilled and tapped with lid and four 6-32 x 1/2 countersunk phillips head screws
- Interlocking flanged lid provides complete RF shielding
- Colors: unfinished or black textured baked enamel
- Also available in blue, gray, and beige textured finish. Contact a Mouser service representative for details
- Average wall thickness 2mm (.079")

Dimensions are outside dimensions **Note: lid adds .156" to overall depth of case**

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Price Each			
		L	W	H		1	10	50	100
546-1590A	D	3.6	1.5	1.1	Unfin	6.94	5.79	5.52	
546-1590A-BK	D	3.6	1.5	1.1	Black	9.00	7.52	7.16	
546-1590B	D	4.4	2.4	1.1	Unfin	7.56	6.31	6.01	Call For Quote
546-1590B-BK	D	4.4	2.4	1.1	Black	12.30	10.25	9.77	
546-1590BB	D	4.7	3.7	1.2	Unfin	9.46	7.90	7.53	
546-1590BB-BK	D	4.7	3.7	1.2	Black	12.30	10.27	9.78	
546-1590C	D	4.7	3.7	2.1	Unfin	11.98	10.00	9.53	
546-1590C-BK	D	4.7	3.7	2.1	Black	15.56	12.99	12.37	
* 546-1590D	D	7.4	4.7	2.2	Unfin	19.36	16.17	15.39	
* 546-1590D-BK	D	7.4	4.7	2.2	Black	25.16	21.01	20.00	
* 546-1590E	D	7.4	4.7	3.2	Unfin	20.62	17.22	16.40	
* 546-1590E-BK	D	7.4	4.7	3.2	Black	26.80	22.38	21.31	
* 546-1590F	D	7.4	7.4	2.5	Unfin	25.08	20.94	19.94	
* 546-1590F-BK	D	7.4	7.4	2.5	Black	32.58	27.20	25.91	
546-1590LB	D	2.0	2.0	1.1	Unfin	6.56	5.48	5.22	
546-1590LB-BK	D	2.0	2.0	1.1	Black	8.52	7.11	6.77	
546-1590S	D	4.33	3.23	1.58	Unfin	9.60	8.02	7.63	
546-1590S-BK	D	4.33	3.23	1.58	Black	12.48	10.42	9.92	Call For Quote
546-1590T	D	4.72	3.15	2.17	Unfin	9.90	8.27	7.88	
546-1590T-BK	D	4.72	3.15	2.17	Black	12.88	10.75	10.24	
546-1590U	D	4.72	4.72	2.17	Unfin	14.56	12.16	11.58	
546-1590U-BK	D	4.72	4.72	2.17	Black	18.92	15.80	15.04	
546-1590V	D	4.72	4.72	3.54	Unfin	20.00	16.70	15.90	
546-1590V-BK	D	4.72	4.72	3.54	Black	26.00	21.71	20.67	

*Cases "D" and "E" have center posts of dimension A. Case "F" has center posts on dimensions A and B

DIMENSIONS (IN.)

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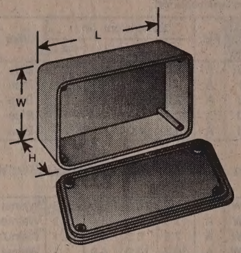

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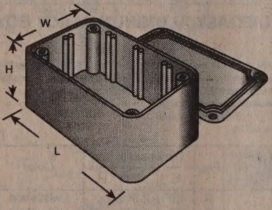

Highest Quality

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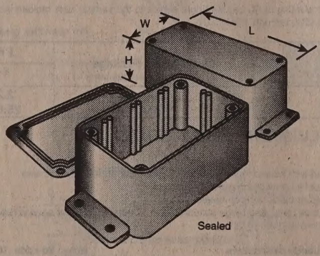

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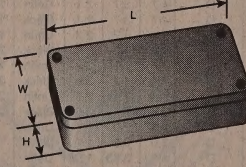


DIECAST ALUMINUM CASES

Diecast Cases (Without PCB Guides)

Features:
- Natural aluminum (unpainted)
- Excellent RF shielding
- Interlocking cover, with countersunk screws

MOUSER STOCK NO.	Fig.	Dimension (In.)			Wall Thickness	Price Each			
		L	W	H		1	10	50	100
400-4590	A	3.5	1.4	1.2	.063	6.75	5.65	5.35	Call For Quote
400-4591	A	4.5	2.5	1.2	.063	7.35	6.15	5.90	
400-4587	A	4.5	2.5	2.2	.063	8.35	7.52	6.84	
400-4592	A	4.5	3.5	2.2	.063	11.12	9.29	8.85	
400-4593	A	6.8	4.7	2.2	.075	17.84	14.90	14.18	
400-4594	A	6.8	4.7	4.2	.075	19.95	16.70	15.90	
400-4588	A	8.7	5.7	2.2	.075	22.13	20.12	18.29	
400-4589	A	8.7	5.7	4.2	.075	30.29	27.53	25.03	

Black Nylon Coated (Without PCB Guides)

Features:
- Nylon coating (75-100 microns thick) provides an added degree of protection against corrosion
- Can be drilled or machined without effecting the finish
- No PCB guides
- Extra hard surface

Color: Gray, blue, yellow, and brown, also available (on special order basis). Call your customer service representative for more information.

MOUSER STOCK NO.	Fig.	Dimension (In.)			Wall Thickness	Price Each			
		L	W	H		1	10	50	100
400-4620	A	3.5	1.4	1.2	.063	16.52	15.02	13.66	Call For Quote
400-4621	A	4.5	2.5	1.2	.063	18.60	16.91	15.37	
400-4622	A	4.5	3.5	2.2	.063	23.61	21.47	19.51	
400-4623	A	4.5	2.5	2.2	.063	20.76	18.88	17.16	
400-4624	A	6.8	4.7	2.2	.075	31.91	29.00	26.37	
400-4625	A	6.8	4.7	4.2	.075	40.83	37.12	33.75	
400-4626	A	8.8	5.7	2.2	.075	41.34	37.58	34.16	
400-4627	A	8.8	5.7	4.2	.075	50.71	46.10	41.91	

With PCB Guides

Features:
- Natural aluminum (unpainted)
- Excellent RF shielding
- Interlocking flanged cover, with countersunk screws

MOUSER STOCK NO.	Fig.	Dimension (In.)			Wall Thickness	Price Each			
		L	W	H		1	10	50	100
400-4585	B	2.4	2.2	1.2	.063	6.96	6.33	5.76	Call For Quote
400-4586	B	3.1	2.2	1.0	.063	8.23	7.48	6.80	
400-4595	B	4.7	4.0	1.4	.083	21.99	19.99	18.21	
400-4596	B	5.5	4.0	3.0	.075	26.53	24.11	21.92	
400-4597	B	6.5	5.0	3.0	.075	31.08	28.26	25.69	
400-4598	B	10.8	6.9	2.2	.075	47.73	43.39	39.45	
400-4599	B	9.8	9.8	3.9	.098	58.35	53.02	48.20	

With Mounting Flanges and PCB Guides

Features:
- Natural aluminum (unpainted)
- Excellent RF shielding
- Moisture proof, dust proof
- Interlocking flanged cover with countersunk screws

* Due to size, 400-4600 flange has only 1 screw mounting hole

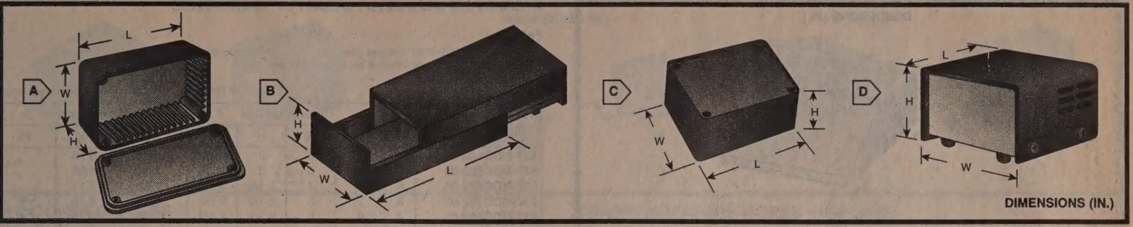
MOUSER STOCK NO.	Fig.	Dimension (In.)			Wall Thickness	Price Each			
		L	W	H		1	10	50	100
* 400-4600	C	3.5	1.4	1.2	.063	18.04	16.40	14.91	Call For Quote
400-4601	C	4.5	2.5	1.2	.063	19.99	18.17	16.52	
400-4602	C	4.5	2.5	2.2	.063	22.55	20.50	18.64	
400-4603	C	4.5	3.5	2.2	.063	23.87	21.70	19.73	
400-4604	C	6.8	4.8	2.2	.075	33.61	30.56	27.78	
400-4605	C	6.5	5.0	3.0	.075	37.45	34.00	30.92	
400-4606	C	8.8	5.8	2.2	.075	38.68	35.16	31.97	
400-4607	C	6.8	4.8	4.2	.075	41.95	38.15	34.65	

Sealed Cases (Without PCB guides)

Features:
- Natural aluminum (unpainted)
- Rubber extruded seal incorporated into edge of the case
- Provides extra protection against dust, moisture, ozone, acids, and alkalis
- Suitable for service from -40°C to +120°C
- Without PCB guides
- Interlocking flanged cover with countersunk screws

MOUSER STOCK NO.	Fig.	Dimension (In.)			Wall Thickness	Price Each			
		L	W	H		1	10	50	100
400-4550	D	3.5	1.4	1.2	.063	14.50	13.18	11.98	Call For Quote
400-4551	D	4.5	2.5	1.2	.063	15.83	14.39	13.08	
400-4552	D	4.5	3.5	2.2	.063	19.05	17.32	15.75	
400-4553	D	4.5	2.5	2.2	.063	16.90	15.37	13.97	
400-4554	D	6.8	4.7	2.2	.075	25.51	23.19	21.08	
400-4555	D	6.8	4.7	4.2	.075	32.35	29.41	26.73	
400-4556	D	8.8	5.7	2.2	.075	33.62	30.56	27.78	
400-4557	D	8.8	5.7	4.2	.075	41.97	38.16	34.69	

EAGLE Project and Instrument Cases



MOLDED ABS PLASTIC CASES

- Molded ABS plastic, .10" thick
- Temperature rated at -20°C to +85°C
- PCB guides
- Interlocking flanged cover with four screws
- Add .10" to dimension "C" with lid on.

(Dimensions are outside dimensions)

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	50	100
400-1542	A	4.1	2.2	1.7	Gray	3.70	3.37	3.06	Call For Quote
400-1552	A	5.1	2.5	1.7	Gray	4.66	4.02	3.71	
400-1562	A	5.9	3.5	2.2	Gray	5.46	4.68	4.46	
400-1572	A	7.3	4.5	2.5	Gray	7.93	6.80	6.47	

With Sliding Lids

- Interlocking two-piece design
- Accepts PC board and 9V battery
- Easy access for do-it-yourself kits

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	25	50
400-4048	B	4.7	3.1	1.1	Black	7.22	6.01	5.47	Call
400-4049	B	5.9	4.1	1.1	Black	6.35	5.29	4.81	

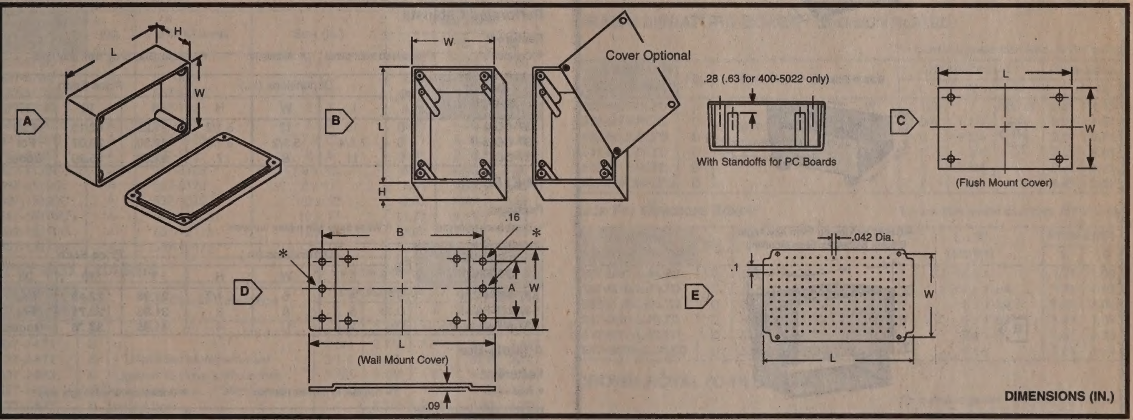
INSTRUMENT CASES

- Made of unbreakable black thermoplastic with polished aluminum covers

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		Length	Width	Height	1	10	50	100
40UB001	C	6 1/4	3 3/4	2	6.69	5.57	5.07	Call
40UB005	C	3 1/4	2 1/8	1 1/8	3.58	2.98	2.71	

- Black 18 gauge hammertone steel cover fits over a painted gray aluminum base

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		Length	Width	Height	1	10	50	100
40UB101	D	4	3 1/4	2 3/16	5.88	4.90	4.46	Call For Quote
40UB102	D	5 7/8	4	2 3/8	7.48	6.24	5.68	
40UB103	D	5 7/8	5 1/4	3	8.26	6.88	6.25	



CASES AND ACCESSORIES

Plastic Project Boxes with Lids

Features:

- Molded ABS plastic
- All dimensions are outside dimensions
- PCB guides (400-1561 and 400-1571 only)
- Height is with lid on

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	50	100
400-1541	A	3	2	1	Black	2.90	1.74	1.60	1.45
400-1551	A	4 3/8	2 1/4	7/8	Black	3.30	1.98	1.82	1.65
400-1561	A	4	3	1 5/8	Black	3.95	2.37	2.17	1.98
400-1571	A	5 7/8	3 7/8	2 1/4	Black	6.75	4.05	3.71	3.38

High-Impact Polystyrene

Features:

- Two styles of lids are available: flush mount and wall mount
- Covers and custom PC boards must be ordered separately.

† Designed with only two standoffs for PC boards. All others have four.

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	25	50
400-5022	B	2.00	1.40	1.00	Black	1.92	1.60	1.45	1.32
400-5032	B	2.70	1.71	1.18	Black	2.12	1.77	1.60	1.46
400-5043	B	3.29	2.11	1.38	Black	2.24	1.87	1.70	1.55
400-5053	B	4.19	2.74	1.57	Black	3.21	2.67	2.43	2.21
400-5064	B	5.30	3.33	1.57	Black	4.19	3.50	3.18	2.89
400-5074	B	6.90	4.30	1.60	Black	5.74	4.42	4.02	3.65
400-5084	B	7.70	5.10	2.00	Black	7.18	5.53	5.02	4.57

Aluminum Covers (Unpainted)

Features:

- Peel off protective plastic skin
- Includes hardware

MOUSER STOCK NO.	Fig.	Dimension (In.)				Fits Cases	Price Each			
		L	W	A	B		1	10	25	50
400-7022	C	1.89	1.30	- - -	- - -	400-5022	1.61	1.34	1.22	1.11
400-7032	C	2.56	1.57	- - -	- - -	400-5032 & 400-6032	1.53	1.28	1.16	1.05
400-7043	C	3.15	1.97	- - -	- - -	400-5043 & 400-6043	2.01	1.67	1.52	1.38
400-7053	C	4.02	2.56	- - -	- - -	400-5053 & 400-6053	2.25	1.87	1.70	1.55
400-7064	C	5.12	3.15	- - -	- - -	400-5064 & 400-6064	3.03	2.53	2.30	2.09
400-7074	C	6.96	4.13	- - -	- - -	400-5074	5.45	4.19	3.81	3.47
400-7084	C	7.78	4.92	- - -	- - -	400-5084	6.52	5.01	4.56	4.14
400-8043	D	4.41	1.97	1.34	3.90	400-5043 & 400-6043	2.81	2.34	2.13	1.94
400-8053	D	5.43	2.56	1.77	4.80	400-5053	3.26	2.71	2.47	2.24
400-8064	D	6.70	3.15	2.20	6.06	400-5064	4.42	3.68	3.35	3.04

PRE-PUNCHED COPPER CLAD PC BOARDS

Features:

- Copper clad - one side
- Pre-patterned "pad-per-hole" design
- .042" diameter holes with 0.1" spacing between holes

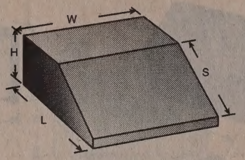
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Fits Cases	Price Each			
		L	W		1	10	25	50
400-9032	E	2.44	1.46	400-5032 and 400-6032	2.59	2.16	1.97	1.79
400-9043	E	3.03	1.85	400-5043 and 400-6043	3.46	2.89	2.62	2.39
400-9053	E	3.86	2.40	400-5053 and 400-6053	4.55	3.79	3.44	3.13
400-9064	E	4.96	2.99	400-5064 and 400 6064	6.28	5.23	4.76	4.32

Cabinets and Enclosures

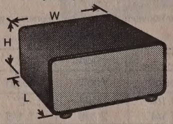
DIMENSIONS (IN.)

A



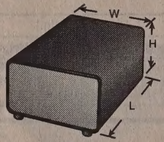
Hinged Top

B



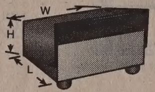
Ivory Trim Built-in-Chassis

C



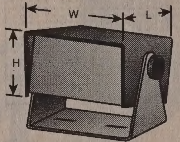
Built-in-Chassis

D

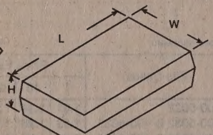


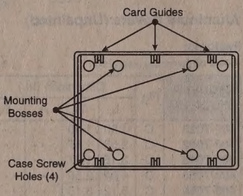
Adjusted for Viewing From Any Angle
Bracket Slotted for Easy Mounting

E



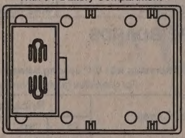
F





With 9V Battery Compartment

G



H

Fits all Enclosures

ALUMINUM MODULAR DESKTOP CONSOLES

Features:

- .050" aluminum (.063" for 3 largest sizes)
- Easy access for installation of components
- Furnished with four white pressure sensitive rubber feet

Unpainted

*The length of the flat top is 1/2 of the total length.

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Price Each		
		*L	W	H	S	1	10	25
537-MDC432-01	A	4	3	2	2 1/2	5.73	5.16	Call For Quote
537-MDC532-01	A	5	3	2	2 7/8	6.61	5.95	
537-MDC642-01	A	6	4	2 1/4	3 3/8	7.90	7.11	
537-MDC752-01	A	7	5	2 1/2	3 7/8	9.10	8.19	
537-MDC862-01	A	8	6	2 3/4	4 1/2	11.95	10.76	
537-MDC973-01	A	9	7	3	5 1/8	13.16	11.84	
537-MDC1042-01	A	10	4 1/2	2 1/2	5 1/2	11.80	10.62	
537-MDC1183-01	A	11	8	3 1/2	6 1/8	19.69	17.72	
537-MDC13104-01	A	13	10	4	7 1/8	26.72	24.05	
537-MDC15155-01	A	15	15	4 1/2	8 1/4	43.57	39.21	

Painted Beige / Ivory

*The length of the flat top is 1/2 of the total length.

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Price Each		
		*L	W	H	S	1	10	25
537-MDC432-BI	A	4	3	2	2 1/2	8.95	8.06	Call For Quote
537-MDC532-BI	A	5	3	2	2 7/8	9.99	8.99	
537-MDC642-BI	A	6	4	2 1/4	3 3/8	11.88	10.69	
537-MDC752-BI	A	7	5	2 1/2	3 7/8	13.26	11.93	
537-MDC862-BI	A	8	6	2 3/4	4 1/2	16.95	15.26	
537-MDC973-BI	A	9	7	3	5 1/8	18.92	17.03	
537-MDC1042-BI	A	10	4 1/2	2 1/2	5 1/2	17.53	15.78	
537-MDC1183-BI	A	11	8	3 1/2	6 1/8	25.51	22.96	
537-MDC13104-BI	A	13	10	4	7 1/8	33.58	30.22	
537-MDC15155-BI	A	15	15	4 1/2	8 1/4	53.34	48.00	

ALUMINUM CABINETS

Perforated Cabinets

Features:

- Contoured
- Recessed front panel
- Aluminum
- Painted: Gray body, dark gray front

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each		
		L	W	H	1	10	25
537-CO-2-P	B	10	12	6 1/2	91.25	82.13	Call For Quote
537-CO-3-P	C	7 1/4	5 1/2	3 1/8	32.30	29.07	
537-CO-7-P	C	11	8	7	61.33	55.20	

(M-E) Series

Features:

- Black hooded cover
- White body with rubber bumpers

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each		
		L	W	H	1	10	25
537-ME-462-P	D	4	6	2 1/2	24.96	22.46	Call For Quote
537-ME-583-P	D	5	8	3	31.93	28.74	
537-ME-7114-P	D	7	11	4	41.95	37.76	

Adjusta-Box

Features:

- Aluminum
- Felt feet to prevent marring
- Brackets finished in light gray

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color		Price Each		
		L	W	H	Case	Grille	1	10	25
537-SW453-BG	E	5	4	3	Blue	Gold	24.45	22.00	Call
537-SW463-BG	E	6	4	3	Beige	Gold	25.65	23.09	

HIGH-IMPACT ABS ENCLOSURES

Standard Enclosures

Features:

- Scratch resistant grain finish
- Card guides for vertical mounting of circuit boards
- 9 volt battery compartment option
- Colors: red, blue, black, gray, and almond
- Internal mounting bosses for horizontal circuit boards

Specify color when ordering, see color chart.

Note: all dimensions are outside dimensions

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Vertical Card Pos.	Mtg. Bosses	Price Each			
		L	W	H			1	10	25	50
537-401-___	F	3.60	2.25	1.50	2	4	4.44	4.00	3.86	Call For Quote
537-402-___	F	4.38	3.25	1.50	3	4	5.93	5.34	5.16	
537-403-___	F	5.62	3.25	1.50	4	4	7.63	6.87	6.64	
537-404-___	F	6.87	4.87	1.50	5	8	7.87	7.08	6.85	
537-502-___	G	4.38	3.25	1.50	3	4	7.04	6.34	6.12	

Available in 5 Colors

Color	Suffix
Black	BK
Red	RD
Blue	BU
Gray	GY
Almond	AL

To order_____
"Add applicable suffix for desired color to Mouser Stock No."

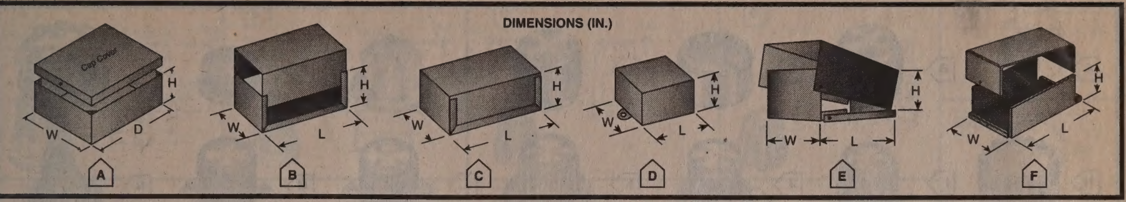
Non-Skid Foot (Black)

Note: Four (4) required for each box (plugs into screw holes)

MOUSER STOCK NO.	Fig.	Price Each
537-F2	H	.15

Aluminum Instrument Cases

DIMENSIONS (IN.)



CAP COVER CHASSIS

eatures:

- Special welded corners for sturdier chassis
- Finish: plain aluminum
- Manufactured from aircraft aluminum type 3003, H-14
- Cap construction permits all space inside chassis to be utilized

CHASSIS (WITHOUT COVER)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Metal Thickness	Cross Reference BUD	Price Each		
		W	D	H			1	10	25
537-572	A	5	7	2	.040	AC402	8.28	7.89	7.65
537-573	A	5	7	3	.040	AC429	9.19	8.73	8.47
537-5103	A	5	10	3	.040	AC404	10.84	10.30	9.99
537-772	A	7	7	2	.040	AC405	8.19	7.78	7.55
537-792	A	7	9	2	.040	AC406	9.21	8.75	8.49
537-7123	A	7	12	3	.040	AC408	12.77	12.13	11.77
537-842	A	8	4	2	.040	AC1406	7.22	6.86	6.65
537-8123	A	8	12	3	.040	AC424	13.75	13.06	12.67
537-8173	A	8	17	3	.040	AC412	18.82	17.88	17.34
537-10123	A	10	12	3	.040	AC413	14.87	14.13	13.71
537-10173	A	10	17	3	.050	AC416	21.97	20.87	20.24
537-12173	A	12	17	3	.050	AC418	26.50	25.18	24.42
537-13173	A	13	17	3	.050	AC420	28.32	26.90	26.09

CHASSIS CAP COVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Fits Chassis	Size (In.)	Price Each		
				1	10	25
537-572C	A	537-572	5 x 7	2.91	2.76	2.68
537-573C	A	537-573	5 x7	2.91	2.76	2.68
537-5103C	A	537-5103	5 x 10	3.55	3.38	3.28
537-772C	A	537-772	7 x 7	3.75	3.57	3.46
537-792C	A	537-792	7 x 9	5.05	4.80	4.66
537-7123C	A	537-7123	7 x 12	5.71	5.42	5.26
537-842C	A	537-842	8 x 4	2.91	2.76	2.68
537-8123C	A	537-8123	8 x 12	6.30	5.98	5.80
537-8173C	A	537-8173	8 x 17	7.54	7.17	6.95
537-10123C	A	537-10123	10 x 12	6.81	6.47	6.28
537-10173C	A	537-10173	10 x 17	11.73	11.15	10.82
537-12173C	A	537-12173	12 x 17	13.02	12.36	11.99
537-13173C	A	537-13173	13 x 17	14.92	14.18	13.75

IFFY BOX CHASSIS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-J-870	B	• Unpainted aluminum-push together to close and catches snap into place. A slight pressure opens box. • Ideal where quick access is required	2 3/4	2 1/8	1 5/8	3.09	2.78
537-J-871	B		2 3/4	2 1/8	2 3/4	3.49	3.14
537-J-872	B		3 1/4	2 1/8	1 1/8	3.09	2.78
537-J-873	B		3 1/2	2 1/8	1 5/8	3.33	3.00
537-J-874	B		4	2 1/8	1 5/8	3.49	3.14
537-J-875	B		4	2 1/4	2 1/4	4.20	3.78
537-J-877	B		4 1/4	2 1/4	1 1/2	3.49	3.14
537-J-878	B		5	2 1/4	2 1/4	4.51	4.06
537-J-879	B		5	4	3	6.29	5.66
537-J-880	B		5 1/4	3	2 18	4.97	4.48
537-J-881	B		6	5	4	8.80	7.92
537-J-882	B		7	5	3	8.91	8.02
537-J-884	B		10	6	3 1/2	12.82	11.54

TITE-FIT BOX CHASSIS

Painted

For quantities greater than listed, call for quote.

537-TF-772-P	C	Aluminum Uses 4 machine screws Painted-gray color	3 1/4	2 1/8	1 1/8	4.18	3.76
537-TF-773-P	C		3 1/2	2 1/8	1 5/8	4.62	4.16
537-TF-776-P	C		4	2	2 3/4	5.67	5.10
537-TF-779-P	C		5	4	3	8.25	7.43
537-TF-780-P	C		5 1/4	3	2 1/8	7.28	6.56
537-TF-781-P	C		6	5	4	11.21	10.10
537-TF-782-P	C		7	5	3	12.10	10.89
537-TF-784-P	C		10	6	3 1/2	16.19	14.57

Unpainted Finish

For quantities greater than listed, call for quote.

537-TF-770	C	Aluminum Uses 4 machine screws Unpainted	2 3/4	2 1/8	1 5/8	3.09	2.78
537-TF-773	C		3 1/2	2 1/8	1 5/8	3.33	3.00
537-TF-775	C		4	2 1/4	2 1/4	4.20	3.78
537-TF-777	C		4 1/4	2 1/4	1 1/2	3.49	3.14
537-TF-778	C		5	2 1/4	2 1/4	4.51	4.07
537-TF-779	C		5	4	3	6.29	5.66
537-TF-780	C		5 1/4	3	2 /18	4.97	4.47
537-TF-781	C		6	5	4	8.80	7.92
537-TF-782	C		7	5	3	8.91	8.03
537-TF-783	C		8	6	3 1/2	10.84	9.75
537-TF-784	C		10	6	3 1/2	12.82	11.54

DRAWN MINIATURE BOXES - UNPLATED

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-M01	D	Cold rolled steel Removable mounting ears for sub-miniature assembly Plain finish-unpainted	1 1/8	1	15/16	1.16	1.04
537-M10	D		1 3/4	1 1/4	7/8	1.16	1.05
537-M15	D		2	1 3/4	1/2	1.16	1.05
537-M16	D		2	1 3/4	3/4	1.16	1.05
537-M17	D		2	1 3/4	1	1.16	1.05
537-M018	D		2	2	1 1/4	1.16	1.04

Lids (Match Lid Number To Box Number)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-M01-L	D	Designed to be soldered into place during assembly Plain finish - unpainted	1 1/8	1	--------	.80	.72
537-M10-L	D		1 3/4	1 1/4	--------	.80	.72
537-M15-L	D		2	1 3/4	--------	.80	.72
537-M16-L	D		2	1 3/4	--------	.80	.72
537-M17-L	D		2	1 3/4	--------	.80	.72
537-M018-L	D		2	2	--------	.80	.72

DRAWN MINIATURE BOXES - CADMIUM PLATED

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-M01-PLTD	D	Cold rolled steel Removable mounting ears Cadmium plated	1 1/8	1	15/16	2.01	1.81
537-M10-PLTD	D		1 3/4	1 1/4	7/8	2.01	1.81
537-M15-PLTD	D		2	1 3/4	1/2	2.01	1.81
537-M16-PLTD	D		2	1 3/4	3/4	2.01	1.81
537-M17-PLTD	D		2	1 3/4	1	2.01	1.81
537-M018-PLTD	D		2	2	1 1/4	2.01	1.81

Lids For Miniature Boxes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Fits Box No.	L x W (Inches)	Price Each	
				1	10
537-M01-L-PLTD	D	537-M01-PLTD	1 1/8 x 1	1.21	1.09
537-M10-L-PLTD	D	537-M10-PLTD	1 3/4 x 1-1/4	1.21	1.09
537-M15-L-PLTD	D	537-M15-PLTD	2 x 1-3/4	1.21	1.09
537-M16-L-PLTD	D	537-M16-PLTD	2 x 1-3/4	1.21	1.09
537-M17-L-PLTD	D	537-M17-PLTD	2 x 1-3/4	1.21	1.09
537-M018-L-PLTD	D	537-M018-PLTD	2 x 2	1.21	1.10

CROWN ROYAL (C-R) SERIES

For quantities greater than listed, call for quote.

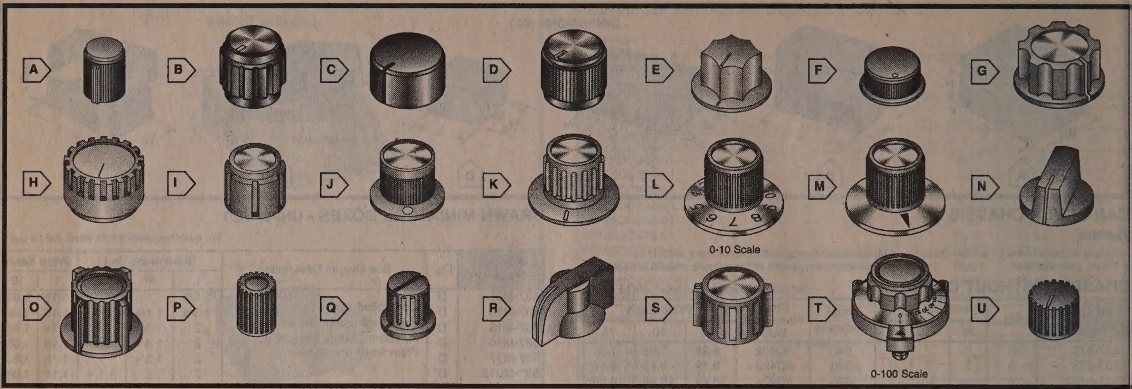
MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-CR-211	E	Painted aluminum cases Dark blue top Light blue bottom	2 1/4	1 1/2	1 3/8	4.64	4.18
537-CR-221	E		2 1/4	2 1/8	1 3/4	5.07	4.56
537-CR-321	E		3 1/4	2 1/8	1 5/8	6.04	5.44
537-CR-332	E		3 3/4	3	2 1/8	7.67	6.90
537-CR-422	E		4	2 1/4	2 1/4	7.22	6.50
537-CR-442	E		4	4	2	8.39	7.55
537-CR-531	E		5 1/2	3	1 1/4	8.10	7.29
537-CR-532	E		5 1/4	3	2 1/8	8.42	7.58
537-CR-632	E		6 1/4	3 1/2	2 1/8	10.30	9.27
537-CR-643	E		6	4	3	12.54	11.29
537-CR-645	E		6	4	5	14.69	13.22
537-CR-753	E		7	5	3	15.31	13.78
537-CR-800	E		8	3	2 3/4	12.50	11.25
537-CR-864	E		8	6	4 1/2	20.42	18.38

INTERLOCKING BOXES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-M00-P	F	Interlocking construction Aluminum Rugged, sturdy Painted hammertone gray	2 1/4	1 1/2	1 3/8	2.85	2.57
537-101-P	F		4 1/4	2 1/4	1 1/4	5.94	5.35
537-108-P	F		5	2 1/4	2 1/4	8.07	7.26
537-136-P	F		5 1/4	3	2 1/8	8.94	8.05
537-138-P	F		6 1/4	3 1/2	2 1/8	11.10	9.99
537-139-P	F		5 1/2	3	1 1/4	8.61	7.75
537-141-P	F		6	4	3	13.57	12.21
537-146-P	F		8	6	4 1/2	19.69	17.72

Knobs



EAGLE HIGH VISIBILITY COLOR KNOBS

Plastic knobs with brass insert and set screw fittings. Black body with a white indicator. Available in four different color tops: red, yellow, green, and blue.

Dia. measured at knob bases or skirt Knob fits .25 inch shafts.

MOUSER STOCK NO.	Fig.	Color Top	Dia. (In.)	Height (In.)	Price Each			
					1	10	100	500
450-2040	A	Red	.52	.62	.99	.78	.69	Call For Quote
450-2050	A	Yellow	.52	.62	.99	.78	.69	
450-2060	A	Green	.52	.62	.99	.78	.69	
450-2070	A	Blue	.52	.62	.99	.78	.69	
450-3180	A	Green	.75	.64	1.08	.83	.75	
450-3181	A	Red	.75	.64	1.08	.83	.75	
450-3182	A	Yellow	.75	.64	1.08	.83	.75	
450-3183	A	Blue	.75	.64	1.08	.83	.75	

ALUMINUM KNOBS

Bright Mirror Finish

- Fluted edge
- Fits .25 inch shafts

MOUSER STOCK NO.	Fig.	Color	Dia. (In.)	Height (In.)	Price Each			
					1	10	100	500
45KN030	B	Aluminum	.79	.65	1.65	1.38	1.25	Call For Quote
45KN031	B	Aluminum	.59	.65	1.59	1.32	1.20	
45KN032	B	Aluminum	.90	.73	2.08	1.73	1.57	
45KN033	B	Aluminum	1.17	.87	2.83	2.36	2.14	
450-7030	B	Black	.79	.75	2.00	1.67	1.52	
450-7031	B	Black	.60	.65	2.29	1.91	1.74	
450-7032	B	Black	.875	.75	2.52	2.10	1.98	

Brushed Aluminum Finish

- Saw cut indicator
- Fits .25 inch shafts

450-6015	C	Aluminum	.63	.55	1.44	1.25	1.14	Call For Quote
450-6016	C	Aluminum	.87	.55	1.84	1.53	1.39	
450-6017	C	Aluminum	1.10	.55	2.75	2.30	2.09	
450-7015	C	Black	.63	.55	2.22	1.85	1.68	
450-7016	C	Black	.87	.55	2.45	2.04	1.85	

Knurled Aluminum Knobs

This knob features "positive" grip knurled edge and fits .25 inch shafts.

- Notched tip indicator
- Glossy finish
- Similar to Alco KN series

MOUSER STOCK NO.	Fig.	Color	Dia. (In.)	Height (In.)	Price Each			
					1	10	100	500
450-6003	D	Aluminum	.50	.62	1.36	1.23	1.14	Call For Quote
450-6005	D	Aluminum	.75	.62	1.55	1.40	1.31	
450-6006	D	Aluminum	.94	.62	1.84	1.67	1.58	
450-6007	D	Aluminum	1.25	.62	2.76	2.46	2.29	
450-6008	D	Black	1.25	.62	2.96	2.66	2.49	
450-7005	D	Black	.75	.62	2.23	1.86	1.69	

CONTROL AND INSTRUMENT KNOBS

Knobs are fitted with brass inserts and set screws.
Diameter measured at knob base or skirt. Knob fits .25 inch shafts

† White painted indicator line

MOUSER STOCK NO.	Fig.	Replaces Alco Knob	Dia. (In.)	Height (In.)	Price Each			
					1	10	100	500
45KN013	E	------	.94	.59	.74	.50	.46	Call For Quote
45KN014	E	------	1.32	.69	.80	.61	.56	
45KN015	F	------	.70	.38	.52	.39	.35	
45KN016	G	------	1.29	.63	.97	.75	.68	
45KN017	G	------	1.04	.56	.81	.63	.57	
45KN018	G	------	.75	.46	.73	.56	.51	
45KN019	H	------	1.00	.60	1.00	.83	.76	
† 45KN023	I	------	.75	.63	.81	.63	.57	
45KN026	I	------	.78	.63	.73	.56	.51	
45KN024	J	------	.98	.57	1.05	.81	.73	
45KN025	K	------	1.37	.87	1.05	.88	.80	
45KN021	L	------	1.45	.90	1.26	1.06	.96	
45KN022	M	------	1.45	.90	1.26	1.06	.96	
450-1017	N	------	1.04	.62	.56	.46	.42	Call For Quote
450-2016	O	------	.90	.71	.97	.75	.68	
450-2017	O	------	1.18	.79	1.15	.89	.81	
450-2023	P	------	.50	.61	.62	.42	.38	
450-2034	Q	PKX-50 1/4	.59	.55	.73	.56	.51	
450-2035	Q	PKX-60B 1/4	.77	.59	.89	.66	.60	
450-2036	Q	PKX-80B 1/4	.95	.78	1.09	.76	.68	
450-2039	Q	PKX-100B 1/4	1.39	.71	1.16	.93	.84	

POINTER KNOBS

Knobs are fitted with brass inserts and set screws for added strength and durability. Knobs fit .25 inch shafts.

MOUSER STOCK NO.	Fig.	Dia. (In.)	Height (In.)	Price Each			
				1	10	100	500
45KN012	R	1.25	.65	.69	.46	.42	Call
450-1006	S	.74	.56	.99	.79	.71	

VERNIER DIAL KNOBS

- Knobs fit .25 inch shafts
- 8 to 1 turns ratio calibrated over 180°
- Graduated 0-100

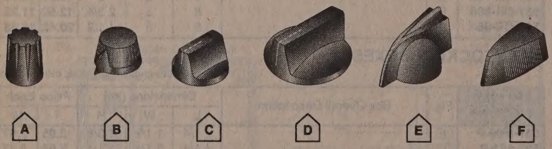
45KN100	T	1.50	.85	14.98	12.48	11.35	Call
556-S50	T	2.00	.85	12.99	11.69	10.39	

CONTROL KNOB FOR 4mm SHAFT

Fits our 31CX series controls

MOUSER STOCK NO.	Fig.	Hole Size	Dia. (In.)	Height (In.)	Price Each			
					1	10	100	500
45KN050	U	4.1mm	.50	.43	1.09	.92	.84	Call

DAKAWARE KNOBS



Instrument Knobs

∗ Diameter in table measured at knob base or skirt.

MOUSER STOCK NO.	Fig.	Hole Size (In)	∗ Dia. (In)	Height (In)	Price Each			
					1	10	100	500
5164-1900	A	.250	.50	.625	.88	.79	.53	Call

Control Knobs

∗ Diameter in table measured at knob base or skir

MOUSER STOCK NO.	Fig.	Hole Size (In)	∗ Dia. (In)	Height (In)	Price Each			
					1	10	100	500
5164-1400	B	.250	.69	.41	.49	.41	.28	Call

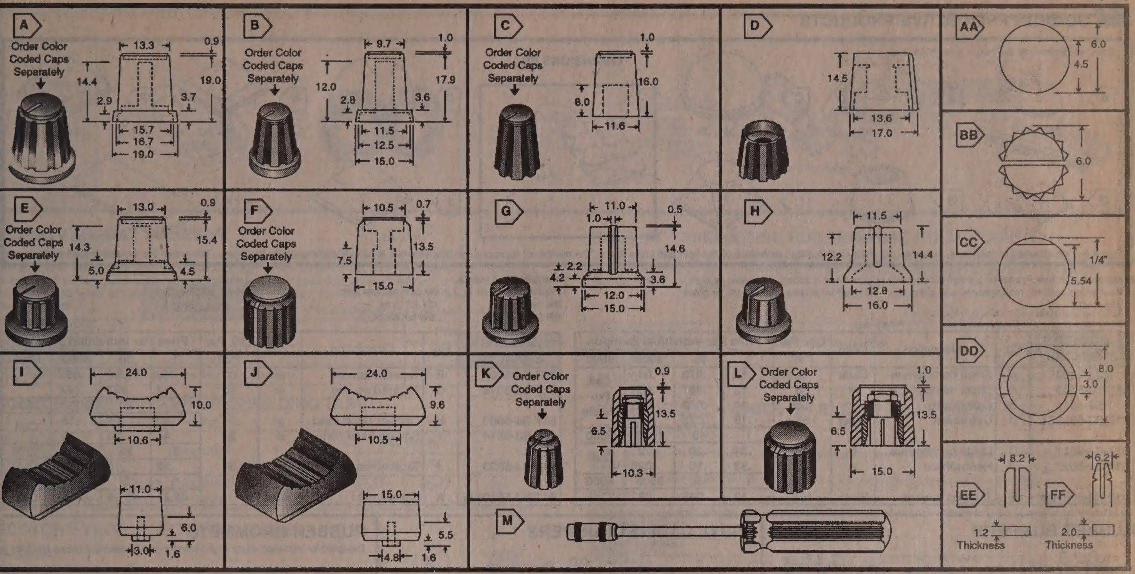
Pointer Knobs

∗ Diameter in table measured at knob base or skir

MOUSER STOCK NO.	Fig.	Hole Size (In)	∗ Dia. (In)	Height (In)	Price Each			
					1	10	100	500
5164-1510	C	.250	.75	.57	.98	.82	.54	Call For Quote
5164-1500	D	.250	1.13	.57	.78	.64	.43	
5164-2300	E	.250	1.25	.625	.55	.48	.32	
5164-2310	F	.250	1.19	.50	.37	.34	.23	

Re'an Control Knobs

• ILLUSTRATION DIMENSIONS (mm)


A
Order Color Coded Caps Separately
13.3
0.9
14.4
19.0
2.9
3.7
15.7
16.7
19.0
B
Order Color Coded Caps Separately
9.7
1.0
12.0
17.9
2.8
3.6
11.5
12.5
15.0
C
Order Color Coded Caps Separately
1.0
16.0
8.0
11.6
D
14.5
13.6
17.0
E
Order Color Coded Caps Separately
13.0
0.9
14.3
15.4
5.0
4.5
F
Order Color Coded Caps Separately
10.5
0.7
7.5
13.5
15.0
G
11.0
1.0
0.5
14.6
2.2
4.2
3.6
12.0
15.0
H
11.5
12.2
14.4
12.8
16.0
I
24.0
10.0
10.6
11.0
6.0
3.0
1.6
J
24.0
9.6
10.5
15.0
5.5
4.8
1.6
K
Order Color Coded Caps Separately
0.9
13.5
6.5
10.3
L
Order Color Coded Caps Separately
1.0
13.5
6.5
15.0
M
AA
6.0
4.5
BB
6.0
CC
1/4"
5.54
DD
8.0
3.0
8.2
6.2
EE
FF
1.2 Thickness
2.0 Thickness

USH-ON COLOR-CODED CONTROL KNOBS

hese control knobs feature a selection of color coded caps to assist engineers when coding different functions. hree colors are available from stock. Other colors are also available, ask your service representative for etails. Order color-coded caps separately.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Size (In.)		Price Each			
				Dia.	Ht.	1	100	500	1000
550-86101	A	AA	Black	.75	.75	.35	.33	.32	Call For Quote
550-86102	A	BB	Black	.75	.75	.35	.33	.32	
550-86103	A	CC	Black	.75	.75	.35	.33	.32	
550-85901	B	BB	Black	.59	.70	.35	.33	.32	
550-13801	C	BB	Black	.46	.63	.24	.23	.22	
550-13901	D	DD	Black	.67	.57	.30	.29	.28	
550-89001	E	CC	Black	.75	.61	.34	.32	.30	
550-15031	F	CC	Black	.59	.53	.49	.46	.45	

Knobs require color coded cap

Use as a stand alone knob or part of a dual concentric pair when used with 550-13901.

olor-Coded Caps

MOUSER STOCK NO.	Cap Color	Pointer Color	Fits Knob	Price Each			
				1	100	500	1000
550-86301	Black	White	550-89001	.32	.30	.29	Call For Quote
550-86302	Blue	White	550-86101	.32	.30	.29	
550-86303	Gray	White	550-86102 550-86103	.32	.30	.29	
550-86401	Black	White	550-85901 550-13801	.32	.30	.29	
550-86402	Blue	White		.32	.30	.29	
550-86403	Gray	White		.32	.30	.29	
550-15021	Black	None	550-15031	.21	.20	.19	
550-15023	Blue	None		.21	.20	.19	
550-15022	Gray	None		.21	.20	.19	

WO-COLOR HARD BODY CONTROL KNOB

his knob is a product of the latest developments in computer two-color technology. It features a matte black ody with a white colored pointer molded in the body. The result is a control knob which keeps its crisp look ermanently. Other pointer colors are available, call your Mouser service representative.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Pointer Color	Size (In.)		Price Each			
					Dia.	Ht.	1	100	500	1000
550-57001	G	BB	Black	White	.59	.57	.34	.32	.30	Call

WO-COLOR "SOFT TOUCH" CONTROL KNOBS

Soft Touch" technology is now available in a two-color control knob. Styled with today's front panels in mind, hese control knobs offer superb looks at competitive costs. For availability of other colors, call you Mouser ervice Representative.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Pointer Color	Size (In.)		Price Each			
					Dia.	Ht.	1	100	500	1000
550-67001	H	AA	Black	Gray	.63	.57	.38	.36	.35	Call For Quote
550-67002	H	AA	Black	Blue	.63	.57	.38	.36	.35	
550-67003	H	BB	Black	Gray	.63	.57	.38	.36	.35	
550-67004	H	BB	Black	Blue	.63	.57	.38	.36	.35	

SLIDE CONTROL KNOBS

Superb ergonomics and aesthetics at competitive price. Low profile design and Re án's two-color process. It has been designed to compliment Mouser Stock No. 550-57001.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Pointer Color	Size (In.)		Price Each			
					W	L	1	100	500	1000
550-77301	I	EE,FF	Black	White	.43	.94	.54	.51	.49	Call
550-77801	J	EE,FF	Black	White	.59	.94	.46	.44	.42	

10mm COLLET KNOBS

Featuring the latest in computer controlled two-color manufacturing technology. Ask your service representative about other sizes and colors.

Features:

- Indicator lines are molded into the knob body
- Available with full length white indicator line
- Color coded cap, available from stock in 3 colors
- Caps available with or without indicator line

MOUSER STOCK NO.	Fig.	Shaft Size	Body Color	Pointer Color	Size		Price Each			
					Dia.	Ht.	1	100	500	1000
† 550-10501	K	1/8"	Black	White	10mm	.53"	1.26	1.19	1.15	Call

10mm Color-Coded Caps (Fits knob 550-10501)

† Knobs require color coded cap

MOUSER STOCK NO.	Cap Color	Pointer Color	Price Each			
			1	100	500	1000
550-10001	Black	White	.30	.29	.28	Call For Quote
550-10002	Gray	White	.30	.29	.28	
550-10003	Blue	White	.30	.29	.28	
550-10011	Black	None	.21	.20	.19	
550-10012	Gray	None	.21	.20	.19	
550-10013	Blue	None	.21	.20	.19	

15mm COLLET KNOBS

MOUSER STOCK NO.	Fig.	Shaft Size	Body Color	Pointer Color	Size		Price Each			
					Dia.	Ht.	1	100	500	1000
† 550-15601	L	6mm	Black	White	15mm	.53"	1.42	1.34	1.29	Call
† 550-15001	L	1/4"	Black	White	15mm	.53"	1.42	1.34	1.29	

15mm Color-Coded Caps (Fits knobs: 550-15601, 550-15001)

† Knobs require color coded cap

MOUSER STOCK NO.	Cap Color	Pointer Color	Price Each			
			1	100	500	1000
550-15011	Black	White	.30	.29	.28	Call For Quote
550-15012	Gray	White	.30	.29	.28	
550-15013	Blue	White	.30	.29	.28	
550-15021	Black	None	.21	.20	.19	
550-15022	Gray	None	.21	.20	.19	
550-15023	Blue	None	.21	.20	.19	

COLLET ADJUSTMENT TOOL

MOUSER STOCK NO.	Fig.	Size	Description	Price Each	
				1	5
550-9002	M	10mm	Collet adjustment tool	13.95	Call
550-9003	M	15mm	Collet adjustment tool	13.95	

Bumpers, Grommets, Hole Plugs, and Solder Lugs

3M BUMPON PROTECTIVE PRODUCTS

Note: all dimensions are height x width (inches)

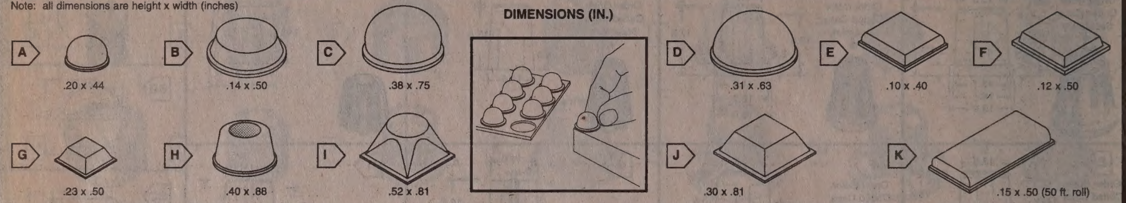


Figure A-J are attached to liner pads. Just peel the "Kiss-Cut" Bumpon protectors off the liner and apply them. The number of Bumpons per liner vary due to size differences of the Bumpons. The prices are for each individual Bumpon.

Bumpon Protective Products are self-sticking little polyurethane bumpers that serve as high performance cushions, feet, spacers, and protectors. No need for screws, glue, rivets, or holes of any kind!

- Non-marring
- Crack resistant
- Non-slip

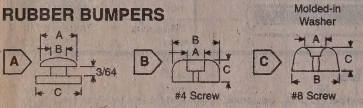
✻Available in 4 colors.
Replace the blank (__) in the part number with:
BK for Black
GY for Gray
BR for Brown
WH for White

New Expanded COLORS!

MOUSER STOCK NO.	Fig.	Description	Color	Qty. Per Pad	Price Per Individual Bumpon			
					1	56	3000	6000
517-SJ-5303CL	A	Small hemisphere	Clear	56	.15	.073	.04	Call For Quote
517-SJ-5003__	A	Small hemisphere	✻	56	.13	.057	.033	
517-SJ-5012__	B	Cylindrical	✻	56	.14	.063	.035	
517-SJ-5312CL	B	Cylindrical	Clear	56	.16	.073	.041	
					1	40	1000	6000
517-SJ-5017__	C	Large hemisphere	✻	40	.34	.20	.12	Call
517-SJ-5027__	D	Hemisphere	✻	40	.32	.16	.088	
					1	108	3000	6000
517-SJ-5007BK	E	Tapered square	Black	108	.12	.046	.031	Call

MOUSER STOCK NO.	Fig.	Description	Color	Qty. Per Pad	Price Per Individual Bumpon			
					1	80	3000	6000
517-SJ-5008__	F	Tapered square	✻	80	.12	.056	.031	Call
517-SJ-5018__	G	Tapered square	✻	80	.21	.097	.054	
					1	24	1000	5000
517-SJ-5009__	H	Circular depressed	✻	24	.40	.25	.15	Call
517-SJ-5514__	I	Square base cone	✻	24	.44	.33	.20	
					1	36	1000	5000
517-SJ-5023__	J	Tapered square	✻	36	.32	.15	.081	Call
					1	5	10	25
517-SJ-5510BK	K	50 foot roll	Black	- - -	48.81	45.94	44.50	Call

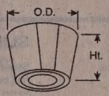
RUBBER BUMPERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each		
		A	B	C	4	100	1000
5167-202	A	5/16	1/4	7/16	.07	.029	.027
534-720	B	1/4	1/2	1/4	.18	.088	.051
534-721	B	1/4	5/8	5/16	.28	.14	.081
534-722	B	1/4	23/32	7/16	.56	.28	.163
534-723	C	3/8	15/16	3/8	.54	.27	.156

VINYL CABINET BUMPERS

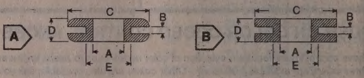


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	O.D.	Ht.	Screw Size	Price Each		
				1	100	500
5162-F4B	9/16	3/8	4	.23	.15	.13
5162-F6B	3/4	7/16	6	.33	.22	.19
5162-F8B	15/16	5/8	8	.45	.30	.26

RUBBER GROMMETS

Designed for insulating sharp edged holes to protect electrical cables and tubing.



For quantities greater than listed, call for quote.

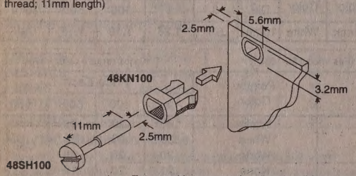
MOUSER STOCK NO.	Fig.	Dimensions (In.)					Price Each		
		A	B	C	D	E	1	1000	2500
5167-208	A	9/32	1/16	9/16	1/4	3/8	.06	.04	.032
5167-211	A	3/16	1/16	7/16	1/4	5/16	.06	.03	.028
5167-159	B	1/4	1/16	5/8	1/4	7/16	.10	.06	.05
5167-210	A	3/8	1/16	5/8	1/4	1/2	.07	.04	.028

MOUNTING HARDWARE

For locking hinged front panels into subracks

Features:

- Plastic screw socket
- Nickel plated brass screw (2.5mm thread; 11mm length)
- Cosmetically appealing
- For 2.5mm thick front panels

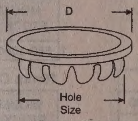


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	100	500
48KN100	Screw socket	.20	.10	.09
48HS100	Captive screw	.34	.17	.16

METAL HOLE PLUGS

- Nickel plated steel
- Excellent spring retention
- Plug chassis holes, wiring outlets, access holes or unused openings

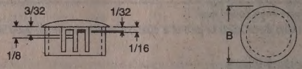


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hole Sz (In.)	D (In.)	No. of Prongs	Price Each		
				1	100	500
534-7600	1/4	13/32	6	.24	.20	.17
534-7601	5/16	7/16	6	.24	.20	.17
534-7602	3/8	1/2	6	.24	.20	.17
534-7603	1/2	21/32	8	.26	.23	.20
534-7604	5/8	13/16	8	.30	.25	.22
534-7606	7/8	1 1/16	12	.33	.29	.24
534-7607	1	1 9/64	12	.39	.33	.29

NYLON LOCKING HOLE AND VENT PLUGS

- UL 94V2 rated
- Stock color black
- Other colors available with volume requirements. Contact a service rep.



For quantities greater than listed, call for quote.

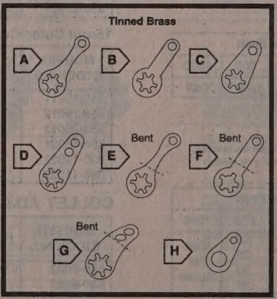
MOUSER STOCK NO.	Dimensions (In.)				Price Each	
	Hole Dia.	Max. Thick.	Head Dia. (B)	Thick	1	100
561-M2603	.250	.062	.312	.312	.08	.04
561-M2617	.375	.125	.468	.406	.08	.04
561-M2643	.500	.125	.578	.406	.09	.05
561-M2663	.625	.125	.718	.406	.11	.055
561-M2683	.750	.125	.922	.406	.17	.083
561-M2703	.875	.125	1.016	.453	.19	.093
561-M2713	1.000	.125	1.203	.453	.17	.087

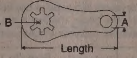
Locking Vent Plugs

561-M2707	1.000	.125	1.203	.453	.22	.108

KEYSTONE ELECTRONICS CORP LOCKING TERMINAL SOLDER LUGS

- Tinned brass for easy soldering
- Easy way of providing ground
- Built-in locking washer





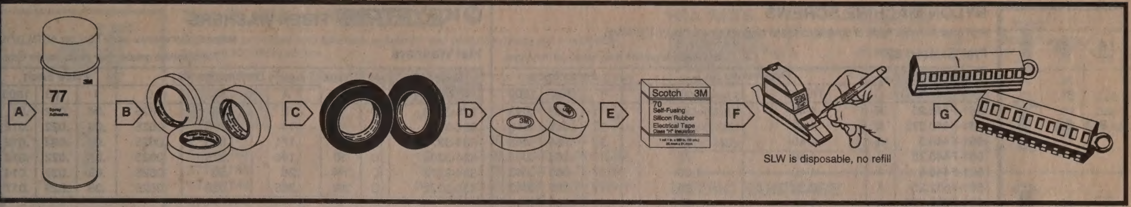
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Screw Sz (B)	Price Each		
		Length	A	Thick		1	100	1000
534-903	A	7/8	3/32	.018	4	.11	.054	.027
534-904	A	7/8	3/32	.018	6	.11	.054	.027
534-905	A	7/8	3/32	.018	8	.11	.054	.027
534-905-10	A	7/8	3/32	.018	10	.11	.054	.027
534-909	B	47/64	3/32	.018	4	.11	.054	.027
534-916	B	47/64	3/32	.018	6	.11	.054	.027
534-917	B	47/64	3/32	.018	8	.11	.054	.027
534-908	C	5/8	3/32	.018	4	.11	.054	.027
534-914	C	5/8	3/32	.018	6	.11	.054	.027
534-915	C	5/8	3/32	.018	8	.11	.054	.027
534-910	D	23/32	3/32	.018	4	.11	.054	.027
534-918	D	23/32	3/32	.018	6	.11	.054	.027
534-906	D	23/32	3/32	.018	8	.11	.054	.027

✻ Tinned Copper

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Screw Sz (B)	Price Each		
		Length	A	Thick		1	100	1000
534-7317	E	13/16	3/32	.018	4	.11	.054	.027
534-7318	E	13/16	3/32	.018	6	.11	.054	.027
534-7319	E	13/16	3/32	.018	8	.11	.054	.027
534-7314	F	23/32	3/32	.018	4	.11	.054	.027
534-7315	F	23/32	3/32	.018	6	.11	.054	.027
534-7316	F	23/32	3/32	.018	8	.11	.054	.027
534-7311	G	23/32	3/32	.018	4	.11	.054	.027
534-7312	G	23/32	3/32	.018	6	.11	.054	.027
534-7313	G	23/32	3/32	.018	8	.11	.054	.027
✻ 534-7328	H	17/32	.076	.015	4	.11	.056	.03
✻ 534-7329	H	17/32	.076	.015	6	.11	.056	.03
✻ 534-7330	H	17/32	.076	.015	8	.11	.056	.03



SLW is disposable, no refill

SUPER 77 SPRAY ADHESIVE

A high tack, fast drying, transparent adhesive to permanently attach foils, carpeting, foams, paper, cloth, etc., to painted or unpainted metals, wood hardboard, and other base materials. Fast, easy applications. Long bonding range. Includes two actuators, one for standard spray patterns, second for wide - - excellent control, uniform coat. High initial "grab" with sufficient time for positioning materials. No meth. chloride, 1.1.1-trich. or chlorofluorocarbons.

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	12
517-SUPER77	A	Spray adhesive 24 oz. aerosol	9.68	8.71

SCOTCH™ EMI/RFI COPPER SHIELDING TAPE

- A smooth backed tape for EMI/RFI protection

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	50	100
517-1181-1.0	B	Scotch 1181 EMI/RFI foil 1 inch x 18 yards	42.70	37.15	35.87	Call

SCOTCH™ VINYL ELECTRICAL TAPES

Features:

- Compatible with splicing compounds, epoxy and polyurethane resins
- Indoor/outdoor applications
- 3/4 inch wide, 66 feet per roll (except for 517-1700, which is 60 feet)

*Premium-grade flame retardant

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	50	100
517-33	C	Scotch super 33+ (7-MIL)	3.20	2.82	2.73	Call
517-88	C	Scotch super 88 (8.5-MIL)	3.50	3.09	2.99	For
517-1700	C	Temflex™ 1700 vinyl	.75	.62	- - -	Quote

SCOTCH BRAND 35 VINYL ELECTRICAL TAPE FOR COLOR CODING

Premium-grade 7-MIL flame retardant, weather resistant tape; available in 5 colors or color coding. Colors are red, yellow, blue, white, and green. Other colors, widths, and lengths are available upon request. Meets requirements of UL510 and CSA. Note: Do not use on neoprene jacketed cable.

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
517-35BL	D	3/4 inch x 66 feet roll, blue	3.21	2.89
517-35GN	D	3/4 inch x 66 feet roll, green	3.21	2.89
517-35WH	D	3/4 inch x 66 feet roll, white	3.21	2.89
517-35YL	D	3/4 inch x 66 feet roll, yellow	3.21	2.89
517-35RD	D	3/4 inch x 66 feet roll, red	3.21	2.89

SCOTCH™ 70 SILICONE RUBBER ELECTRICAL TAPE

Self-fusing, 12MIL, high temperature tape composed of inorganic silicone rubber, with easy-tear and easy-strip liner. Use as primary insulation where class "H" (180°C/356°F) temperatures are encountered. Arc and track resistant. Color: blue-gray.

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
517-70	E	1 inch x 30 feet	23.92	21.53

SCOTCHCODE™ WRITE-ON ID TAPE DISPENSERS AND MARKING PENS

SWD: write-on tape dispenser with 3/4" x 5/16" writing area contains 250 die-cut markers and SMP pen (refills available).
SLW: write-on taper dispenser with 1" x 3/4" writing area contains 70 die-cut markers and SMP pen (non-refillable).

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
517-SWD	F	Dispenser, marker tape, pen	17.65	15.89
517-SLW	F	Large dispenser, marker tape, pen, no refills	20.98	18.80
517-SMP	F	Pen, permanent black ink	3.84	3.46
517-SMP-R	F	Pen, permanent red ink	3.84	3.46
517-SWD-R	F	Refill marker tape for SWD	13.63	12.27

SCOTCHCODE™ 10 ROLL DISPENSER WITH WIRE MARKER TAPE

Features:

- Each roll is .215" wide 8' long (2-2/3 yards)
- Dispensers refillable
- Pressure sensitive adhesive
- Resists oil, water, and abrasion
- 5.5 MIL reinforced epoxy film tape

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
517-STDC	G	Dispenser, 1 roll each color: black, blue, brown, green, gray, orange, red, violet, white, and yellow	24.64	22.20
517-STD09	G	Dispenser, 1 roll each numbered 0-9	24.64	22.20

Numbered Tape Refills

*Fill in the __ with the numbered refill you are ordering (0, 1, 2, 3, 4, 5, 6, 7, 8, or 9)

MOUSER STOCK NO.	Fig.	Description	Price Per Roll			
			1	10	50	100
* 517-SER__	- -	Refill for numbered only	1.56	1.38	1.33	Call

3M HOOK AND LOOP FASTENERS

Scotchmate Self-Adhering Hook and Loop Fasteners

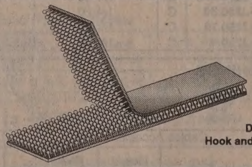
One inch wide, self-adhering, hook and loop fastening systems. Nylon hooks mesh with pliable loops for fast secure closure. Adhesive backing adheres instantly to many surface.

By the Foot

MOUSER STOCK NO.	Description	Price Per Foot	
		1	10
517-3526-FT	1" black	2.08	1.89

By the Reel (4.9 Yards)

MOUSER STOCK NO.	Description	Price Per Reel	
		1	5
517-3526/REEL	1" black	26.46	23.81



Dual Lock
Hook and Loop Illustrated

Black Dual Lock Self-Adhering Reclosable Fasteners

Black one inch wide, self-adhering, reclosable fastening systems is five times stronger than conventional hook and loop fasteners. Adhesive backing adheres instantly to many surfaces. Has an audible "snap", assures secure closure

By the Foot

MOUSER STOCK NO.	Description	Price Per Foot	
		1	10
517-3541-FT	Dual lock	2.98	2.68

By the Reel (1" x 4.9 Yards)

MOUSER STOCK NO.	Description	Price Per Reel	
		1	5
517-3541/REEL	Dual lock	37.77	34.36

Clear Dual Lock Self-Adhering Reclosable Fasteners

Clear one inch wide, self-adhering, reclosable fastening system - Stem type 250. Five times stronger than conventional hook and loop fasteners. Audible snap assures secure closure. Adhesive backing instantly bonds to many surfaces.

By the Foot

MOUSER STOCK NO.	Description	Price Per Foot	
		1	10
517-3560-FT	Dual lock	4.80	4.32

By the Reel (1" x 4.9 Yards)

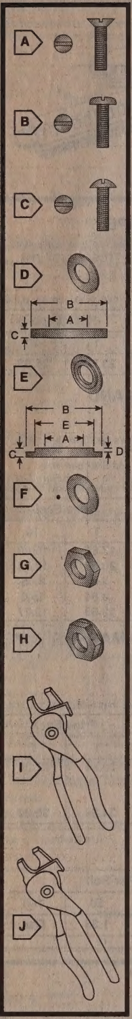
MOUSER STOCK NO.	Description	Price Per Reel	
		1	5
517-3560/REEL	Dual lock	60.38	54.95

3M ACRYLIC FOAM TAPE

Urethane foam tape is soft, comfortable, and high internal strength which makes tape ideal for general purpose mounting and joining. The A-20 pressure sensitive adhesive system features high ultimate bond strength thru its natural aging. It is resistant to high temperature and solvents, and a high shear holding power.

MOUSER STOCK NO.	Description	Price Per Reel	
		1	5
517-4008	1/8" thick 1" x 36 yds.	38.30	34.47
517-4016	1/16" thick 1" x 36 yds.	28.19	25.37

Hardware



NYLON MACHINE SCREWS

High quality screws made of durable corrosion resistant type 6/6 nylon (UL-94V2).

Flat Slotted 82°

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Price Each		
		Thread	Length (In.)	1	100	1000
561-F440.25	A	4-40	.25	.17	.065	.043
561-F440.375	A	4-40	.375	.17	.065	.043
561-F440.5	A	4-40	.50	.17	.065	.043
561-F440.75	A	4-40	.75	.17	.065	.043
561-F440-1	A	4-40	1.00	.17	.065	.043
561-F632.25	A	6-32	.25	.17	.065	.043
561-F632.375	A	6-32	.375	.17	.065	.043
561-F632.5	A	6-32	.50	.18	.068	.045
561-F632.75	A	6-32	.75	.18	.068	.045
561-F632-1	A	6-32	1.00	.18	.068	.045
561-F832.25	A	8-32	.25	.18	.068	.045
561-F832.375	A	8-32	.375	.18	.068	.045
561-F832.5	A	8-32	.50	.18	.068	.045
561-F832.75	A	8-32	.75	.18	.068	.045
561-F832-1	A	8-32	1.00	.18	.068	.045

Pan Slotted

For quantities greater than listed, call for quote.

561-P440.25	B	4-40	.25	.17	.065	.043
561-P440.375	B	4-40	.375	.17	.065	.043
561-P440.5	B	4-40	.50	.17	.065	.043
561-P440.75	B	4-40	.75	.17	.065	.043
561-P440-1	B	4-40	1.00	.17	.065	.043
561-P632.25	B	6-32	.25	.17	.065	.043
561-P632.375	B	6-32	.375	.17	.065	.043
561-P632.5	B	6-32	.50	.18	.068	.045
561-P632.75	B	6-32	.75	.18	.068	.045
561-P632-1	B	6-32	1.00	.18	.068	.045
561-P832.25	B	8-32	.25	.18	.068	.045
561-P832.375	B	8-32	.375	.18	.068	.045
561-P832.5	B	8-32	.50	.18	.068	.045
561-P832.75	B	8-32	.75	.18	.068	.045
561-P832-1	B	8-32	1.00	.18	.068	.045

Round-Slotted

Nylon 6/6 meets MIL-M20693B "A" type 1, LP410A, and ASTM D789-66 type 1, GDE 2 (UL-94V2)

For quantities greater than listed, call for quote.

561-J440.25	C	4-40	.25	.17	.065	.042
561-J440.375	C	4-40	.375	.17	.065	.042
561-J440.5	C	4-40	.50	.17	.065	.042
561-J440.75	C	4-40	.75	.17	.065	.044
561-J440-1	C	4-40	1.00	.17	.065	.044
561-J632.25	C	6-32	.25	.17	.064	.044
561-J632.375	C	6-32	.375	.17	.064	.044
561-J632.5	C	6-32	.50	.18	.066	.044
561-J632.75	C	6-32	.75	.18	.067	.045
561-J632-1	C	6-32	1.00	.18	.068	.044
561-J832.25	C	8-32	.25	.18	.067	.045
561-J832.375	C	8-32	.375	.18	.067	.045
561-J832.5	C	8-32	.50	.18	.067	.045
561-J832.75	C	8-32	.75	.18	.067	.045
561-J832-1	C	8-32	1.00	.18	.067	.045
561-J1032.25	C	10-32	.25	.21	.077	.05
561-J1032.375	C	10-32	.375	.21	.077	.05
561-J1032.50	C	10-32	.50	.21	.077	.05
561-J1032.75	C	10-32	.75	.21	.077	.05
561-J1032-1	C	10-32	1.00	.21	.077	.05
561-J250.25	C	1/4-20	.25	.24	.09	.058
561-J250.375	C	1/4-20	.375	.24	.09	.058
561-J250.50	C	1/4-20	.50	.24	.09	.059
561-J250.75	C	1/4-20	.75	.24	.09	.059
561-J250-1	C	1/4-20	1.00	.24	.09	.06

KEYSTONE FIBER WASHERS

Material: Commercial grade fiber per ASTM D710.

Flat Washers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)			Price Each		
			A	B	C	1	100	1000
534-3368	D	4	.12	.25	.0625	.04	.022	.01
534-3201	D	6	.14	.375	.0625	.04	.022	.012
534-3372	D	8	.171	.375	.0625	.04	.022	.012
534-3208	D	10	.196	.375	.0625	.04	.022	.012
534-3373	D	1/4	.26	.50	.0625	.05	.026	.014
534-3222	D	3/8	.385	.625	.0625	.05	.026	.017

Shoulder Washers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)					Price Each		
			A	B	C	D	E	1	100	1000
534-3062	E	4	.115	.25	.062	.031	.187	.07	.035	.021
534-3233	E	6	.141	.375	.093	.031	.24	.10	.053	.037
534-3065	E	8	.176	.375	.093	.031	.246	.085	.043	.023
534-4702	E	10	.194	.375	.093	.031	.308	.07	.034	.025
534-4711	E	1/4	.253	.50	.093	.031	.308	.07	.033	.027
534-3069	E	3/8	.385	.625	.093	.031	.498	.11	.053	.035

NYLON WASHERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.) O.D. x I.D. x .062T	Price Each		
				1	100	1000
561-D262	F	2	.25 x .09	.06	.02	.015
561-D462	F	4	.25 x .115	.06	.02	.015
561-D662	F	6	.312 x .14	.06	.02	.015
561-D862	F	8	.375 x .171	.07	.03	.02
561-D1062	F	10	.375 x .194	.07	.03	.02
561-D2562	F	1/4	.50 x .257	.07	.032	.02
561-D31262	F	5/16	.50 x .317	.07	.03	.02
561-D37562	F	3/8	.625 x .38	.07	.03	.02
561-D43762	F	7/16	.75 x .443	.08	.04	.03
561-D50062	F	1/2	.75 x .505	.08	.04	.03

NYLON NUTS

- Use with nylon machine screws for mounting semiconductors to heat sinks.

Hex Nuts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each		
			1	100	1000
561-G440	G	4-40	.15	.056	.037
561-G632	G	6-32	.15	.056	.037
561-G832	G	8-32	.15	.056	.037
561-G1032	G	10-32	.16	.06	.039
561-G25020	G	1/4-20	.17	.064	.042

Lock Nuts

For quantities greater than listed, call for quote.

561-H440	H	4-40	.23	.085	.058
561-H632	H	6-32	.23	.085	.059
561-H832	H	8-32	.23	.085	.06
561-H1032	H	10-32	.24	.09	.06
561-H25020	H	1/4-20	.27	.10	.067

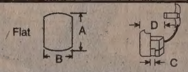
STRAIN RELIEF ASSEMBLY TOOL

- Makes bushing installation a "breeze"
- One tool fits all
- Cushioned handles

Adjustable to all sizes.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
561-M0022	I	Cushioned handles, adjustable to all sizes	55.98	Call
561-M0023	J	Cushioned handles, adjustable to all sizes	55.98	

STRAIN RELIEF BUSHINGS



Black Nylon

E96397 LR60335

Note: All bushings can be used with a round mounting hole (dimension A). Holes shaped with flats prevent rotation of the bushing if cable is subject to twist.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cable Cross Section	Cables Accommodated						Dimensions (In.)				Price Each	
		Cable Type	Height		Width		Dia.	Mounting Hole		Max Panel Thickness	Bushing Length		
			Min.	Max.	Min.	Max.		A	B	C	D	1	100
561-MP3P4	Flat	SP-1, SPT-1	.12	.12	.222	.222	- - -	.437	.39	.062	.41	.08	.046
561-MP4K1	Flat	SPT-2, HPN	.15	.16	.28	.40	- - -	.50	.46	.095	.495	.12	.066
561-MP4K4	Flat	SPT-1, SPT-2, HPN	.12	.12	.30	.30	- - -	.50	.465	.10	.406	.09	.054
561-MP4N4	Flat	SPT-1, SPT-2, HPN	.12	.12	.30	.30	- - -	.50	.465	.062	.406	.12	.066
561-MP5K4	Flat	SPT-2	.15	.15	.16	.16	- - -	.562	.53	.125	.609	.16	.094
561-MP30-1	Flat	SPT-2, SPT-1	.12	.16	.30	.41	- - -	.56	.73	.125	.67	.19	.108
561-MP5N4	Round	SV, SVT, HPD	- - -	- - -	- - -	- - -	.29	.50	.45	.062	.438	.09	.054
561-MP5P4	Round	SV, SVT, HPD	- - -	- - -	- - -	- - -	.29	.50	.45	.10	.438	.09	.049
561-MP6N34	Round	SJ, SJT	- - -	- - -	- - -	- - -	.43	.625	.55	.062	.58	.19	.109
561-MP6N4	Round	SJT, SJO	- - -	- - -	- - -	- - -	.30	.625	.55	.062	.58	.19	.109
561-MP6P34	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.36	.625	.55	.125	.58	.16	.078
561-MP6P4	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.30	.625	.55	.125	.58	.19	.096
561-MP6W1	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.30	.50	.465	.09	.437	.12	.058
561-MP7W20	Round	SJT, S, STO	- - -	- - -	- - -	- - -	.43	.875	.77	.125	.75	.30	.148

90° Angle Style

For quantities greater than listed, call for quote.

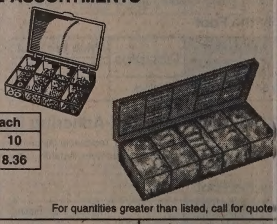
561-MP13L1	Flat	SPT-1	.12	.12	.22	.22	- - -	.437	.39	.062	.05	.15	.087
561-MP14L1	Flat	SPT-2, HPN	.15	.16	.28	.30	- - -	.50	.45	.10	.687	.18	.102
561-MP15L1	Round	SV	- - -	- - -	- - -	- - -	.265	.50	.45	.10	.687	.18	.102

NYLON HARDWARE ASSORTMENTS

Contains:

- 20 round head screws
- 20 binding head screws
- 40 hex nuts
- 40 washers

For quantities greater than listed, call for quote.



MOUSER STOCK NO.	Price Each	
	1	10
524-11-516	9.28	8.36

- Type 6/6 nylon
- Indexed

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	5	10
561-M1996	290 cable clamps, 18 sizes	44.44	42.50	40.57
561-M1995	140 cable clips, 15 sizes	26.98	25.81	24.63
561-M1994	700 PCB posts, 10 sizes	44.44	42.50	40.57
561-M1993	300 shoulder washers, 30 sizes	26.98	25.81	24.63
561-M1992	340 spacer/standoffs, 40 sizes	44.44	42.50	40.57
561-M1991	180 transistor hardware, 17 sizes	26.98	25.81	24.63
561-M1997	500 flat washers, 40 sizes	26.98	25.81	24.63
561-M1998	750 screws and nuts, 40 sizes	44.44	42.50	40.57
561-M1999	108 strain reliefs, 12 sizes	26.98	25.81	24.63

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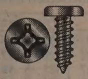

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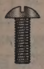

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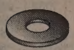

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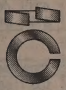

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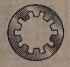

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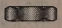

METRIC

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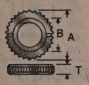

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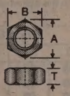

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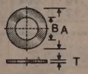

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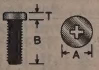

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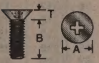


ZINC PLATED HARDWARE

High quality zinc-plated steel fasteners available for your production needs and conveniently packaged 100 pieces per box

Phillips Pan Head Sheet Metal Screws

- Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Screw Size	Length (In.)	Price Per Box			
				1	5	10	25
572-01747	A	4	3/8	2.39	1.99	1.59	
572-01751	A	4	1/2	2.49	2.09	1.69	Call
572-01763	A	4	3/4	2.79	2.19	1.79	For
572-01748	A	6	3/8	2.49	2.09	1.69	Quote
572-01752	A	6	1/2	2.69	2.29	1.79	
572-01764	A	6	3/4	2.99	2.49	1.99	
572-01749	A	8	3/8	2.99	2.49	1.99	
572-01753	A	8	1/2	3.19	2.69	2.19	
572-01765	A	8	3/4	3.79	3.19	2.49	Call
572-01750	A	10	3/8	3.99	3.29	2.59	For
572-01754	A	10	1/2	4.19	3.39	2.69	Quote
572-01766	A	10	3/4	4.69	3.89	2.99	

Round Head Machine Screws

- Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Screw Size	Length (In.)	Price Per Box			
				1	5	10	25
572-01875	B	2-56	1/4	1.65	1.39	1.04	
572-01876	B	2-56	3/8	1.74	1.49	1.16	
572-01877	B	2-56	1/2	1.83	1.59	1.22	
572-01880	B	4-40	1/4	1.77	1.49	1.12	Call
572-01881	B	4-40	3/8	1.79	1.59	1.19	For
572-01882	B	4-40	1/2	1.92	1.69	1.28	Quote
572-01884	B	4-40	3/4	2.19	1.79	1.52	
572-01888	B	6-32	1/4	1.79	1.59	1.19	
572-01889	B	6-32	3/8	1.83	1.69	1.25	
572-01890	B	6-32	1/2	1.99	1.79	1.29	
572-01892	B	6-32	3/4	2.29	1.89	1.49	
572-01901	B	8-32	1/4	2.09	1.69	1.34	
572-01902	B	8-32	3/8	2.11	1.79	1.36	
572-01903	B	8-32	1/2	2.19	1.89	1.39	Call
572-01905	B	8-32	3/4	2.49	1.99	1.69	For
572-01934	B	10-32	1/4	2.39	1.79	1.59	Quote
572-01935	B	10-32	3/8	2.45	1.89	1.64	
572-01936	B	10-32	1/2	2.49	1.99	1.66	
572-01938	B	10-32	3/4	3.29	2.39	2.14	

FLAT WASHERS

- Nickel-plated steel
- Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Size	O.D. (In.)	Price Per Box		
				1	10	50
524-11-142C	C	4	9/32	2.15	1.94	
524-11-146C	C	6	3/8	2.20	1.98	Call
524-11-150C	C	8	3/8	2.29	2.07	For
524-11-154C	C	10	3/8	2.44	2.19	Quote
524-11-162C	C	3/8	7/8	3.91	3.51	

LOCK WASHERS

- Zinc-plated steel
- Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Size	Style	Price Per Box			
				1	5	10	25
572-00649	D	4	Split	.49	.46	.44	
572-00650	D	6	Split	.49	.46	.44	
572-00651	D	8	Split	.49	.46	.44	
572-00652	D	10	Split	.49	.46	.44	Call
572-00656	D	7/16"	Split	2.39	2.20	1.99	For
572-00675	E	6	Internal Tooth	.99	.82	.69	Quote
572-00676	E	8	Internal Tooth	.99	.82	.69	
572-00677	E	10	Internal Tooth	.99	.82	.69	

HEX NUTS

- Zinc-plated steel
- Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Size	Price Per Box			
			1	5	10	25
572-00482	F	2-56	.99	.95	.91	
572-00484	F	4-40	.83	.78	.76	Call
572-00486	F	6-32	.93	.87	.84	For
572-00487	F	8-32	1.12	1.05	1.02	Quote
572-00489	F	10-32	1.19	1.09	1.03	

METRIC HARDWARE

Low profile metric nuts for switches, potentiometers, LED'S, plugs, and jacks. Material: steel (except knurled nuts, which are brass), an asterisk (*) denotes nickel plated, others are zinc plated.

Knurled Nuts

- Brass

	MOUSER STOCK NO.	Fig.	Thread Size(mm)	Dim. (mm)			Price Each			
				A	B	T	1	100	1000	10,000
*	48KN004	G	M4 x .50	6	4	1.5	.16	.048	.044	Call
*	48KN005	G	M4.5 x .50	6	3.5	1.5	.08	.025	.023	For
*	48KN006	G	M6 x .50	8	6	1.5	.19	.057	.052	Quote

Hex Nuts

	MOUSER STOCK NO.	Fig.	Thread Size(mm)	Dim. (mm)			Price Each			
				A	B	T	1	100	1000	10,000
	48AN006	H	M6 x 0.75	9	8	2	.10	.027	.025	
	48AN007	H	M7 x 0.75	11	10	2	.10	.027	.025	Call
*	481-0007	H	M7 x 0.75	11	10	2	.11	.03	.028	For
†	481-0017	H	M7 x 0.75	11	10	2	.15	.07	.06	Quote
	48AN008	H	M8 x 0.75	12	11	2	.10	.027	.025	
	48AN009	H	M9 x 0.75	13.5	12	2	.10	.027	.025	
*	481-0009	H	M9 x 0.75	13.5	12	2	.11	.03	.028	
	481-0010	H	M10 x 0.75	16	14	2	.16	.042	.039	Call
*	48AN010	H	M10 x 1.00	13.5	12	2	.16	.042	.039	For
*	48AN011	H	M11 X 1.00	16	14	2	.18	.051	.047	Quote
*	48AN012	H	M12 x 1.75	16	14	2	.20	.06	.055	

† Special 7M nut. Inside diameter will fit over 1/4" round potentiometer shafts

Flat Washers

MOUSER STOCK NO.	Fig.	Thread Size(mm)	Dim. (mm)			Price Each			
			A	B	T	1	100	1000	10,000
48CW007	I	M7	12	7	.5	.05	.013	.011	Call
48CW008	I	M8	14	8	.5	.05	.013	.011	For
48CW009	I	M9	14	9	.5	.05	.013	.011	Quote

Pan Head Phillips Screw

	MOUSER STOCK NO.	Fig.	Thread Size(mm)	Dim. (mm)			Price Each			
				A	B	T	1	100	1000	10,000
*	48SS002	J	M1.7 x 0.35	3.1	4	1.3	.03	.01	.009	
*	48SM004	J	M2 x 0.40	3.8	4	1.3	.04	.012	.011	Call
*	48SM006	J	M2 x 0.40	3.1	6	1.1	.04	.012	.011	For
	48SM026	J	M2.6 x 0.45	4	6	1.6	.04	.012	.011	Quote
	48SM003	J	M3 x 0.50	5	6	2	.04	.012	.011	

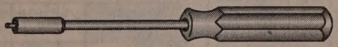
Flat Head Phillips Screw

	MOUSER STOCK NO.	Fig.	Thread Size(mm)	Dim. (mm)			Price Each			
				A	B	T	1	100	1000	10,000
*	48SS003	K	M2.5 x 0.45	4	2.5	1.5	.04	.012	.011	Call

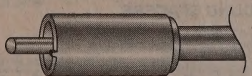
NURLED NUT TOOL

esigned specifically for tightening 4mm and 6mm slotted knurled nuts. This is the perfect tool for Mouser's 2.5mm and 3.5mm phone jacks: P/N's PJ100/125/126/128 (2.5mm) and 16PJ011/135/136/137/138 & 164-1010 (3.5mm).

Introduced by popular demand
Nickel plated finish
Accurately mates into knurled nut slots which are spaced 180° apart.



To be used on knurled nuts, on jacks, or the replacement knurled nuts, 48KN004 and 48KN006 sold above.



Expanded View of Tip

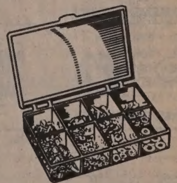
For quantities greater than listed call for quote.

MOUSER STOCK NO.	Knurled Nut Size (mm)	Blade Length (In.)	Total Length (In.)	Price Each	
				1	5
382-0004	4	3	5 7/8	6.99	5.60
382-0006	6	3	5 7/8	6.99	5.60

METRIC HARDWARE KIT

Contains:

240 nickel plated steel machine screws
100 nickel plated steel nuts
60 nickel plated steel spring lock washers
60 steel E-rings



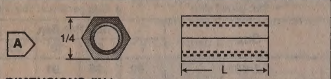
Sizes:

2mm, 2.6mm, 3mm, 4mm

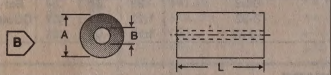
For quantities greater than listed call for quote

MOUSER STOCK NO.	Price Each
524-11-528	37.49

Spacers and PCB Supports



DIMENSIONS (IN.)



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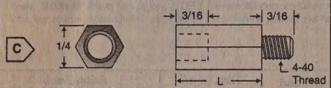
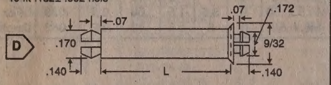


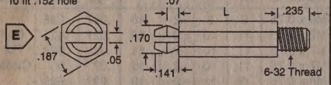
DIMENSIONS (IN.)

To fit .152± .002 hole



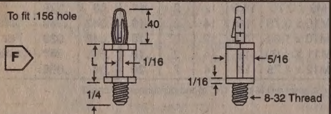
DIMENSIONS (IN.)

To fit .152 hole



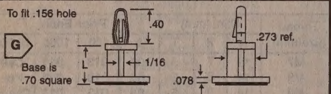
DIMENSIONS (IN.)

To fit .156 hole



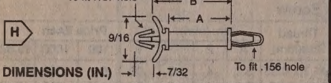
DIMENSIONS (IN.)

To fit .156 hole

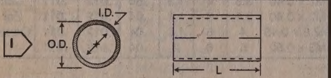


DIMENSIONS (IN.)

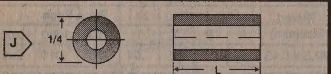
To fit .187 hole



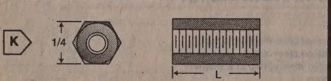
DIMENSIONS (IN.)



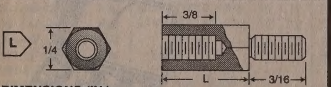
DIMENSIONS (IN.)



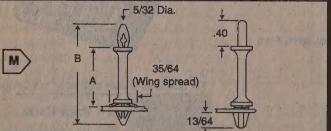
DIMENSIONS (IN.)



DIMENSIONS (IN.)



DIMENSIONS (IN.)



DIMENSIONS (IN.)

EAGLE

NYLON HEX TAPPED SPACERS

On spacer 3/4" and longer, tap is 3/8" from each end

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Screw Size	Price Each		
				1	100	1000
561-L4.25	A	.250	4-40	.42	.15	.115
561-L4.375	A	.375	4-40	.47	.16	.132
561-L4.50	A	.500	4-40	.48	.17	.134
561-L4.625	A	.625	4-40	.48	.17	.134
561-L4.75	A	.750	4-40	.58	.21	.16
561-L4.875	A	.875	4-40	.72	.26	.20
561-L41.0	A	1.000	4-40	.63	.23	.173
561-L6.25	A	.250	6-32	.54	.192	.15
561-L6.375	A	.375	6-32	.46	.17	.13
561-L6.50	A	.500	6-32	.53	.187	.147
561-L6.625	A	.625	6-32	.48	.17	.134
561-L6.75	A	.750	6-32	.58	.21	.16
561-L6.875	A	.875	6-32	.72	.264	.204
561-L61.0	A	1.000	6-32	.63	.23	.173
561-L8.25	A	.250	8-32	.54	.192	.15
561-L8.375	A	.375	8-32	.55	.204	.156
561-L8.50	A	.500	8-32	.58	.204	.16
561-L8.625	A	.625	8-32	.58	.204	.16
561-L8.75	A	.750	8-32	.70	.25	.19
561-L8.875	A	.875	8-32	.72	.26	.20
561-L81.0	A	1.000	8-32	.76	.276	.208

NYLON ROUND SPACERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each		
		A	B	L	1	100	1000
561-K4.25	B	.250	.115	.250	.13	.05	.035
561-K4.375	B	.250	.115	.375	.16	.06	.045
561-K4.50	B	.250	.115	.500	.16	.06	.045
561-K4.625	B	.250	.115	.625	.26	.09	.072
561-K4.75	B	.250	.115	.750	.25	.09	.07
561-K4.875	B	.250	.115	.875	.32	.118	.09
561-K41.00	B	.250	.115	1.000	.34	.13	.106
561-K6.25	B	.250	.140	.250	.13	.05	.035
561-K6.375	B	.250	.140	.375	.16	.06	.045
561-K6.50	B	.250	.140	.500	.19	.07	.053
561-K6.625	B	.250	.140	.625	.22	.08	.061
561-K6.75	B	.250	.140	.750	.30	.106	.083
561-K6.875	B	.250	.140	.875	.32	.118	.09
561-K61.00	B	.250	.140	1.000	.34	.13	.106
561-K8.25	B	.250	.171	.250	.12	.047	.033
561-K8.375	B	.250	.171	.375	.23	.084	.064
561-K8.50	B	.250	.171	.500	.23	.084	.064
561-K8.625	B	.250	.171	.625	.26	.096	.073
561-K8.75	B	.250	.171	.750	.30	.108	.084
561-K8.875	B	.250	.171	.875	.32	.12	.096
561-K81.00	B	.250	.171	1.000	.35	.132	.108

KEYSTONE ELECTRONICS CORP.

ALUMINUM SPACERS

Features:

- Made of flat strip aluminum
- Precision rolled
- Tight joint on outside diameter
- Square ends
- No burrs

Spacer For	I.D. ±.005	O.D. ±.007
#4	.125	.167
#6	.151	.193
#8	.178	.232

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Screw Size	Price Each		
				1	100	500
534-397	I	3/16	4	.09	.046	.041
534-398	I	1/4	4	.09	.046	.041
534-399	I	5/16	4	.09	.047	.042
534-400	I	3/8	4	.09	.047	.042
534-402	I	1/2	4	.10	.049	.044
534-403	I	5/8	4	.11	.055	.049
534-418	I	3/4	4	.11	.057	.051
534-405	I	1/4	6	.09	.047	.041
534-406	I	5/16	6	.09	.047	.042
534-407	I	3/8	6	.10	.048	.043
534-409	I	1/2	6	.10	.050	.045
534-425	I	3/4	6	.12	.058	.052
534-412	I	1/4	8	.14	.072	.065
534-414	I	3/8	8	.15	.077	.068
534-416	I	1/2	8	.16	.079	.071
534-417	I	5/8	8	.18	.091	.081
534-432	I	3/4	8	.16	.078	.07

BRASS ROUND SPACERS

- 1/4" O.D. round unthreaded
- Zinc plated
- Drilled for clearance of screw sizes shown in table

For quantities greater than listed, call for quote.

534-1454A	J	1/4	4	.29	.15	.13
534-1454C	J	1/2	4	.38	.19	.17
534-1457A	J	1/4	6	.29	.15	.13
534-1457B	J	3/8	6	.32	.16	.14
534-1457C	J	1/2	6	.38	.19	.17
534-1480	J	1/4	8	.24	.15	.13
534-1481	J	3/8	8	.30	.16	.14

NYLON HEX MALE/FEMALE THREADED SPACERS

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	500	1000
561-MF440-25	C	1/4	.25	.20	.17	Call For Quote
561-MF440-50	C	1/2	.27	.21	.19	
561-MF440-62	C	5/8	.27	.21	.19	
561-MF440-75	C	3/4	.28	.22	.20	
561-MF440-100	C	1	.29	.22	.20	

NYLON PC BOARD POSTS PATENTED "MSP" SERIES"

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	1000	5000
561-A0125	D	.125	.09	.063	.055	Call For Quote
561-A0250	D	.250	.10	.064	.056	
561-A0312	D	.312	.10	.065	.057	
561-A0375	D	.375	.10	.066	.057	
561-A0500	D	.500	.10	.067	.058	
561-A0625	D	.625	.10	.068	.059	
561-A0750	D	.750	.10	.069	.061	
561-A0875	D	.875	.11	.071	.062	
561-A1000	D	1.00	.11	.072	.063	

NYLON PCB POSTS

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	500	1000
561-MTP125	E	1/8	.094	.063	.055	Call For Quote
561-MTP250	E	1/4	.10	.068	.06	
561-MTP500	E	1/2	.10	.067	.058	
561-MTP750	E	3/4	.11	.071	.062	
561-MTP875	E	7/8	.12	.076	.067	

MALE THREADED PCB LOCKING SUPPORTS

561-LMTP250	F	1/4	.11	.071	.062	Call For Quote
561-LMTP500	F	1/2	.11	.074	.064	
561-LMTP750	F	3/4	.15	.104	.083	
561-LMTP1000	F	1	.15	.108	.086	

ADHESIVE BASE PCB LOCKING SUPPORTS

561-LAD187	G	3/16	.42	.30	.24	Call For Quote
561-LAD250	G	1/4	.42	.30	.24	
561-LAD500	G	1/2	.42	.30	.24	
561-LAD750	G	3/4	.45	.321	.257	
561-LAD1000	G	1	.45	.323	.26	

NYLON CIRCUIT BOARD SUPPORTS

"Lock/Tension" Series Designed to securely lock to the bottom chassis and snap into a 1/16" thick PCB.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Price Each			
		A	B	1	100	500	1000
561-LT187	H	.187	.307	.08	.054	.047	Call For Quote
561-LT250	H	.250	.365	.09	.057	.05	
561-LT375	H	.375	.495	.09	.06	.053	
561-LT500	H	.500	.625	.10	.064	.056	
561-LT625	H	.625	.745	.13	.091	.073	

BRASS HEX SPACERS

- Threaded for screw sizes shown in table
- Zinc plated

MOUSER STOCK NO.	Fig.	Length (In.)	Screw Size	Price Each			
				1	100	500	1000
534-1450A	K	1/4	4-40	.25	.13	.11	Call For Quote
534-1450B	K	3/8	4-40	.29	.15	.13	
534-1450C	K	1/2	4-40	.36	.18	.16	
534-1829	K	5/8	4-40	.49	.24	.22	
534-1451A	K	1/4	6-32	.25	.13	.11	
534-1451B	K	3/8	6-32	.29	.15	.13	
534-1451C	K	1/2	6-32	.36	.18	.16	
534-1451D	K	5/8	6-32	.49	.25	.22	
534-1451E	K	3/4	6-32	.57	.29	.26	
534-1635	K	1	6-32	.58	.29	.26	
534-1474A	K	1/4	8-32	.28	.14	.12	Call For Quote
534-1474B	K	3/8	8-32	.29	.15	.13	
534-1474C	K	1/2	8-32	.36	.18	.16	
534-1834	K	5/8	8-32	.49	.24	.22	
534-1474D	K	3/4	8-32	.57	.29	.25	
534-1474E	K	1	8-32	.58	.30	.26	

BRASS HEX MALE/FEMALE THREADED SPACERS

Can be used as grounded PCB mounts

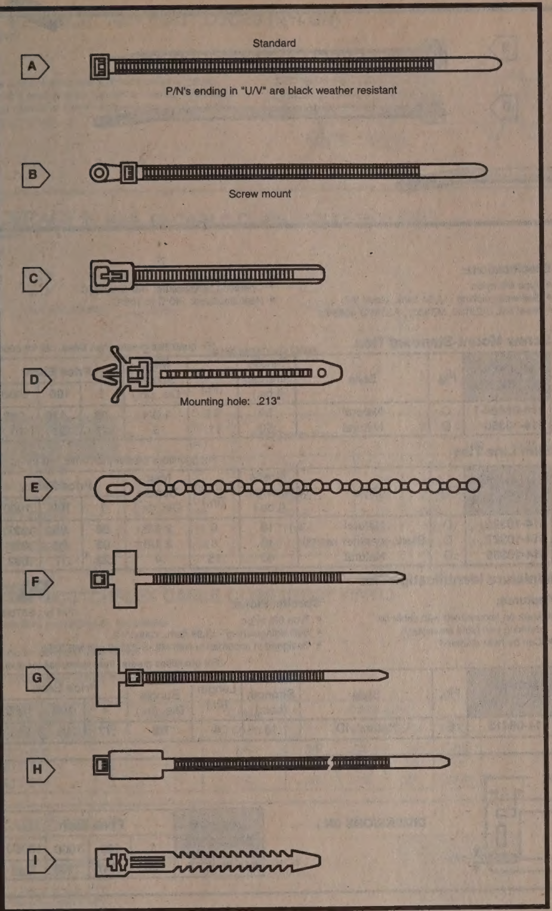
MOUSER STOCK NO.	Fig.	Length (In.)	Screw Size	Price Each			
				1	10	100	500
534-1944	L	1/2	4-40	.48	.44	.40	Call For Quote
534-1945	L	5/8	4-40	.50	.45	.41	
534-1946	L	3/4	4-40	.51	.46	.42	
534-1947	L	1	4-40	.53	.48	.44	

NYLON SPACER SUPPORTS

- Fire retardant nylon
- For 1/16" PCB thickness
- Easy PCB mounting
- Flexible
- Max. chassis thickness: .07"

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Price Each			
		A	B	1	100	500	1000
534-1927A	M	.250	.937	.11	.055	.05	Call For Quote
534-1928A	M	.375	1.062	.12	.058	.052	
534-1929A	M	.500	1.187	.12	.061	.055	
534-1930A	M	.625	1.312	.13	.067	.059	

Cable Mounting Hardware and Accessories



NYLON CABLE TIES

Material: Type 6/6 nylon (UL94V2)

Standard Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
* 481-0102	A	Natural	18	4.0	.98	.05	.03	.015
481-0102UV	A	Black, weather resist.	18	4.0	.98	.08	.018	.017
* 561-N3500	A	Natural	18	4.0	.875	.06	.04	.018
* 561-N3510	A	Natural	30	5.5	1.25	.07	.043	.03
* 481-0108	A	Natural	40	6.0	1.54	.06	.04	.029
481-0108UV	A	Black, weather resist.	40	6.0	1.54	.11	.056	.026
* 561-N3515	A	Natural	30	6.8	1.50	.07	.043	.031
* 561-N3520	A	Natural	30	8.0	2.03	.12	.074	.05
* 481-0115	A	Natural	50	8.0	2.17	.08	.05	.042
481-0115UV	A	Black, weather resist.	50	8.0	2.17	.17	.086	.041

Screwmount Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
* 481-0200	B	Natural	40	6.7	1.57	.11	.076	.044
* 481-0201	B	Natural	50	8.7	2.36	.18	.12	.068
* 481-0202	B	Natural	50	14.6	4.00	.39	.26	.15
* 481-0203	B	Natural	120	15.7	4.80	.65	.43	.25

Releasable Ties (White)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
* 481-0300	C	Natural	26	4.9	1.18	.15	.10	.071
* 481-0301	C	Natural	50	5.9	1.38	.17	.11	.073
* 481-0302	C	Natural	50	7.8	1.97	.21	.14	.098
* 481-0303	C	Natural	50	11.7	3.15	.32	.21	.15

Push Releasable Ties (White)

* UL recognized

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
481-0400	D	Natural	90	5.8	1.46	.21	.14	.098

Beaded Ties

Material: Type 6/6 nylon (UL94V2)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
* 561-N3525	E	Natural	30	4 1/4	1.00	.04	.026	.01
* 561-N3530	E	Natural	30	6	1.25	.07	.052	.019
* 561-N3535	E	Natural	30	8	2.00	.09	.069	.025

Identification Ties (White)

Material: Type 6/6 nylon (UL94V2)

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
* 481-0500	F	Natural	18	4.1	.98	.15	.10	.042
* 481-0501	G	Natural	18	4.4	.98	.17	.11	.045
* 481-0502	H	Natural	50	7.9	1.97	.36	.24	.096

AC Cord Ties (Clear)

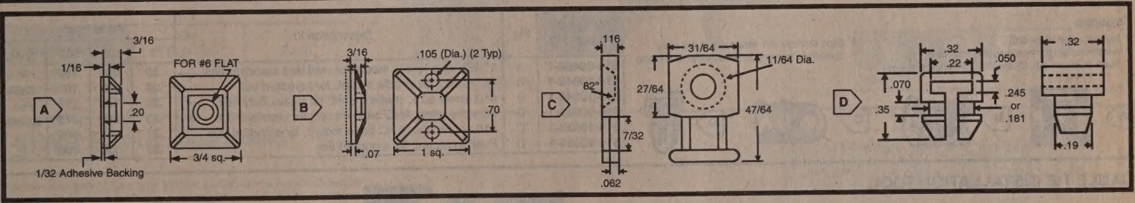
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
481-0600	I	Natural	18	6.2	1.77	.12	.059	.047

AC Cord Ties (Black)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
481-0601	I	Natural	18	6.2	1.77	.12	.059	.047



EAGLE WIRE/CABLE TIE ACCESSORIES (NYLON)

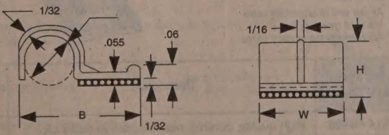
MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
561-N3588	A	Cradle mount (adhesive)	.17	.12	.094	Call For Quote
561-N3590	B	Cradle mount (adhesive)	.28	.20	.15	
561-N3591	B	Cradle mount (screw)	.25	.17	.13	

DIMENSIONS (IN)

MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
561-N3595	C	Screwtab	.12	.088	.059	Call For Quote
561-N3600	D	Clip mount (.187")	.17	.124	.083	
561-N3605	D	Clip mount (.250")	.17	.124	.083	

EAGLE NYLON ADHESIVE BACKED CABLE CLIPS

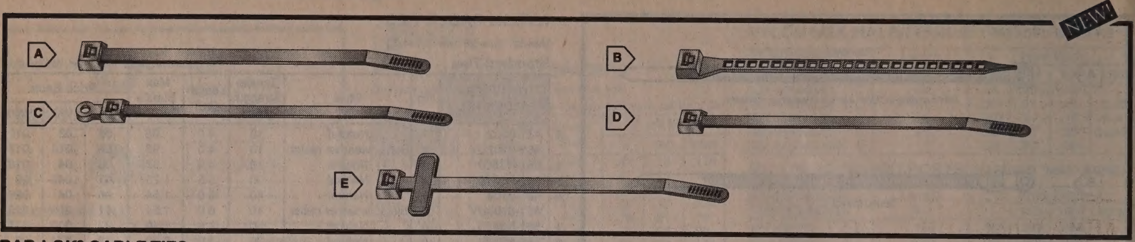
DIMENSIONS (IN)



- For fast installation

MOUSER STOCK NO.	Dimensions (In.) A	B	W	H	Price Each 1	100	500	1000
561-SP13037	.125	.493	.375	.217	.16	.14	.12	Call For Quote
561-SP25550	.250	.865	.500	.343	.17	.14	.12	
561-SP38562	.375	1.000	.625	.475	.19	.16	.14	
561-SP50575	.500	1.125	.750	.593	.20	.18	.15	

Dennison Cable Mounting Hardware



BAR-LOK® CABLE TIES

Features:
- Manufactured of 100% nylon
- Bent-tip design for ease of handling and installation
- Maximum holding ability

File No. E57800

Specifications:
- Type 6/6 nylon
- Self-extinguishing - UL94 flam., class: V-2
- Meet MIL-S-23190, MS3367, ASTM D 4066-82
- Operating temperature: -40°C to 85°C
- Heat stabilized: -40°C to 105°C

Miniature Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
514-08429	A	Natural	18	3.25	5/8	.05	.035	.017
514-08432	A	Natural	18	4	7/8	.05	.038	.018
514-08433	A	Black, weather resist.	18	4	7/8	.05	.032	.014

Intermediate Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
514-08376	A	Natural	40	5.5	1 1/4	.07	.056	.026
514-08377	A	Natural	40	8	2 1/8	.10	.077	.037
514-08380	A	Black, weather resist.	40	8	2 1/8	.10	.074	.037
514-08680	A	Purple	40	8	2 1/8	.10	.074	.037

Standard Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
514-08387	A	Natural	50	7.7	1 3/4	.09	.04	.032
514-08600	A	Natural	50	11	3	.22	.179	.083
514-10036	A	Natural	50	15	4	.30	.23	.116
514-10037	A	Black, weather resist.	50	15	4	.30	.23	.116

Ladder Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
514-08472	B	Black, heat stabilized	40	7	1 3/4	.07	.063	.028
514-08476-1	B	Natural	40	7	1 3/4	.10	.068	.033
514-08477-1	B	Natural	40	11	3	.10	.092	.044

Screw Mount-Standard Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
514-08484-1	C	Natural	50	7.5	1 3/4	.22	.179	.086
514-10350	C	Natural	50	11	3	.27	.21	.10

Slim Line Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
514-10325	D	Natural	18	8	2 1/8	.06	.05	.027
514-10327	D	Black, weather resist.	18	8	2 1/8	.08	.06	.027
514-10335	D	Natural	40	15	4	.23	.17	.082

Miniature Identification Ties

Features:
- Mark on textured tab with cable tie marking pen (sold separately)
- Can be heat stamped

Specifications:
- Type 6/6 nylon
- Self-extinguishing - UL94 flam., class: V-2
- Designed in accordance with MIL-S-23190 and MS 3368

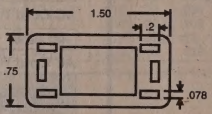
File No. E57800

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each 1	100	1000
514-08412	E	Natural, ID	18	4	7/8	.17	.13	.062

CABLE TIE ID PLATE (NYLON)

Features:
- For convenient tagging of wire bundles and cables

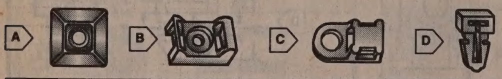


DIMENSIONS (IN.)

MOUSER STOCK NO.	Price Each 1	100	1000	10000
514-08457-1	.28	.147	.105	Call

BAR-LOK® CABLE TIE MOUNTS

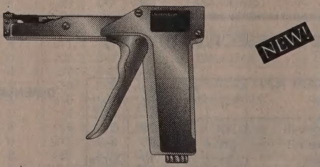
Features:
- Natural nylon (type 6/6)
- Accommodates minimal space limitations
- Push-in mount (fig. D) requires .25" mounting hole
- Slips through slot easily and is securely contained for easy assembly and tensioning



MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
514-08462-1	A	1" adhesive 4-way mount for mini and standard ties	.50	.252	.189	Call For Quote
514-10045-1	B	#8 screw size, cradle mount, for standard ties	.26	.137	.10	
514-10046-1	B	#10 screw size, cradle mount, for heavy duty ties	.33	.168	.126	
514-10027-1	C	#8 screw size, ANC base mount, for standard ties	.20	.098	.075	
514-10028-1	C	#10 screw size, ANC base mount, for standard ties	.22	.116	.086	
514-10056-1	D	Push-in mount, for standard ties	.25	.126	.096	

CABLE TIE INSTALLATION TOOL

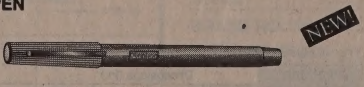
Features:
- Adjustable, pre-set tension results in uniform cable tie application, neater bundles, more efficient harnessing
- Slim nose construction, allows easy positioning in hard-to-reach areas or on intricate harnesses
- Shock-resistant action for operator comfort. No "snap" when tie is cut, the tool absorbs all impact
- Reliable, long-life construction. Extremely durable compression spring mechanism, rugged aluminum housing



MOUSER STOCK NO.	Price Each
514-08480	109.95

CABLE TIE MARKING PEN

Features:
- Smear-proof and waterproof ink for writing on all nylon surfaces



MOUSER STOCK NO.	Description	Price Each 1	6	12
514-08506	Cable tie marking pen, with extra-fine tip, black ink	7.68	6.40	Call

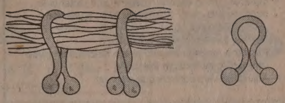
CABLE CLIP

Features:
- Allows use of any width cable
- Made of type 6 nylon
- Accommodates stacked cable

MOUSER STOCK NO.	Description	Price Each 1	100	500	1000
514-08406	High quality, durable, non-conductive cable clip	.58	.30	.22	Call

EAGLE "EZ" TWIST LOCKS (NYLON)

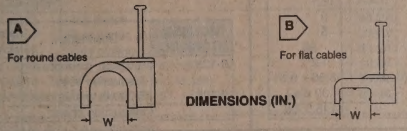
Securely position and hold wire, cable or tubing. Simply twist to wrap; untwist to unwrap. Reusable and molded of tough, resilient nylon 6/6 (UL 94V2), color: natural.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Bundle Dia. (In.)	Price Each			
			1	100	1000	10000
561-EZ250	1/4" lock	.20 - .27	.13	.077	.035	.032
561-EZ375	3/8" lock	.30 - .40	.14	.082	.037	.032
561-EZ500	1/2" lock	.40 - .50	.14	.085	.039	.036
561-EZ750	3/4" lock	.70 - .80	.17	.104	.048	.041

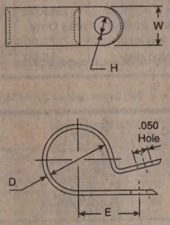
EAGLE NAIL-IN CABLE CLIPS (POLYETHYLENE)



MOUSER STOCK NO.	Fig.	W (In.)	Fits Cable Type	Price Each			
				1	100	500	1000
561-C0040	A	.157	75Ω	.22	.082	.054	Call For Quote
561-C0045	B	.177	BELL	.22	.082	.054	
561-C0050	A	.197	RG-58	.22	.082	.054	
561-C0070	A	.276	RG-6	.22	.082	.054	
561-C0080	A	.315	TRIAX	.22	.082	.054	
561-C0090	B	.354	DUAL RG-6	.23	.085	.057	

EAGLE CABLE CLAMPS (NYLON)

DIMENSIONS (IN)



For quantities greater than listed, call for quote.

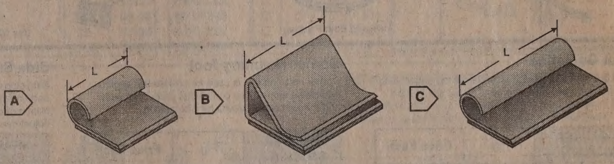
MOUSER STOCK NO.	Dimensions (In.)				Price Each		
	D	W	H	E	1	100	1000
561-B0125	1/8	1/2	.203	.315	.11	.04	.031
561-B0187	3/16	1/2	.203	.425	.11	.04	.031
561-B0250	1/4	1/2	.203	.410	.11	.04	.031
561-B0312	5/16	1/2	.203	.500	.11	.04	.031
561-B0375	3/8	1/2	.203	.530	.13	.05	.04
561-B0437	7/16	1/2	.203	.560	.13	.05	.04
561-B0500	1/2	1/2	.203	.595	.13	.05	.04
561-B0562	9/16	1/2	.203	.606	.13	.05	.04
561-B0625	5/8	1/2	.203	.655	.13	.05	.04
561-B0750	3/4	1/2	.203	.780	.16	.06	.05
561-B1000	1	1/2	.203	.910	.16	.06	.05
561-B1250	1 1/4	1/2	.203	1.06	.18	.08	.07
561-B1500	1 1/2	1/2	.203	1.19	.18	.08	.07

3M SCOTCHFLEX CABLE CLIPS (GRAY VINYL)

Standard packaging is 100 pieces

- Foam adhesive backed clips
- Hold cable in place
- Route cables around equipment or cabinets

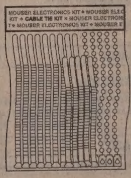
MOUSER STOCK NO.	Fig.	Length (In.)	Cable O.D. (In.)	Price Each			
				1	100	1000	10000
517-706	A	1	1/8	.26	.22	.18	Call For Quote
517-707	B	1	1/4	.21	.15	.14	
517-710	C	1 1/2	1/4	.30	.26	.21	



DIMENSIONS (IN.)

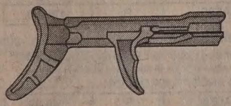
CABLE TIE KIT

- 15 pieces of each size
- 7 different ties in each
- 2 kits, one with 4"-"6 the other with 6"-8"
- 105 cable ties per kit
- Resealable storage bag


MOUSER ELECTRONICS KIT • MOUSER ELEC
KIT • CABLE TIE KIT • MOUSER ELECTRONI
T • MOUSER ELECTRONICS KIT • MOUSER E

MOUSER STOCK NO.	Size Range (In.)	Price Each
370-CT-1	4-6	12.95
370-CT-2	6-8	12.95

CABLE TIE GUN

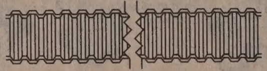


- Light-weight durable plastic.

MOUSER STOCK NO.	Price Each
524-472	13.07

EAGLE SPLIT LOOM TUBING

Split loom corrugated tubing is an efficient method of wire harness assembly. Protects and reduces the risk of damage to wiring circuits during installation.



Price Per Foot

MOUSER STOCK NO.	Size	Description	Price Per Foot		
			1	10	50
481-1007-FT	.29 ID	Split flexible tubing	.23	.15	.13
481-1011-FT	.42 ID	Split flexible tubing	.29	.19	.18
481-1013-FT	.52 ID	Split flexible tubing	.32	.21	.19
481-1015-FT	.59 ID	Split flexible tubing	.39	.26	.24

Price Per Reel

MOUSER STOCK NO.	Size	Description	Price Per Reel	
			1	5
481-1007	.29 ID	984 Ft. (300M)	100.50	Call For Quote
481-1011	.42 ID	656 Ft. (200M)	85.00	
481-1013	.52 ID	492 Ft. (150M)	70.10	
481-1015	.59 ID	328 Ft. (100M)	63.00	

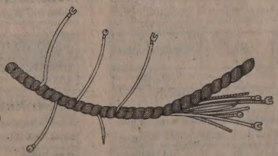
EAGLE SPIRAL WRAP

Eagle Plastics spiral wrap is a specially-designed polyethylene covering for bundling tubing, wires, and other types of conductors.

Features:

- Adds to safety and appearance of your product
- Easy to apply and remove
- Reusable and flexible
- Can be installed during production or after final assembly

Black Polyethylene
(UV resistant for outdoor use)



To Order Coils add "/C" to Mouser Stock No. Coil length: 100 feet

MOUSER STOCK NO.	O.D. (In.)	Bundle Range (In.)	Price Per Foot (1-99')	Price Per Coil
561-W12BK	1/8	1/16-1/4	.14	11.76
561-W25BK	1/4	3/16-2	.27	19.71
561-W37BK	3/8	5/16-3	.38	25.40
561-W50BK	1/2	3/8-4	.50	28.72

Metal Working Presses and Accessories

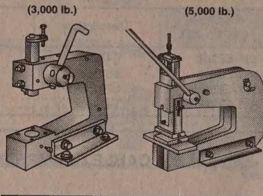
3,000 LB. AND 5,000 LB. MANUPRESSES

Cuts, forms, bends, and punches: ideal for prototyping or production. Make your own panels, chassis, or cabinets.

- Maximum allowable sheet material thickness for accessories unless otherwise specified: fiberglass .079", aluminum .10", mild steel .063"
- Compact high tensile steel frame
- Pressure capability: 3,000 lbs max. (full stroke)

3,000 Lb. Manupress

Parameter	Dim. (In.)
Overall length	10.6
Max height (excluding-lever)	13.2
Width (w/mounting brackets)	6.5
Throat depth	5.9
Clearance	3.27
Stroke length (stop fitted)	.24 to 2.36
Ram spigot hole diameter	.71
Depth	.87
Die hole diameter	1.5
Dia holder 4 holes ctr. to ctr.	2.17 x 1.38
Hole diameter	.31
Bench mtg. 4 holes ctr. to ctr.	5.9 x 3.7
Hole diameter	.39
Press weight	31.3 lbs.



MOUSER STOCK NO.	Description	Price Each
38RA005	3000 lb. press	669.00
381-5000	5000 lb. press	1995.00
Replacement Parts 3000 lb. Press Only		
381-0010	Pinion rack	76.00
381-0020	Pinion gear	76.00

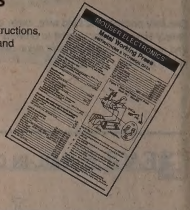
- Material cutting capacity (circular and rectangular punches and dies): fiberglass .079", aluminum .118", mild steel: .079"
- Double, flame-cut, steel frame
- Precision ground rack and pinion mechanism gives constant force through the stroke
- Adjustable ram controls cutting depth

5,000 Lb. Manupress

Parameter	Dim. (In.)
Overall length	21.7
Max height (excluding-lever)	23.6
Width (with mounting brackets)	7.8
Throat depth	12.1
Clearance	5
Stroke length	5
Ram spigot hole dia.	.98
Depth	1.2
Bench mtg. 4 holes (center to center)	8.86 x 6.61 (.39 dia.)
Weight	145.5 lbs.

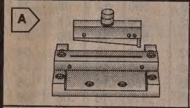
INSTRUCTION BOOKLETS FOR THE 3,000 AND 5,000 LB. PRESSES

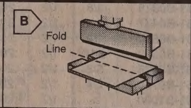
Includes all instructions, technical data and accessories.

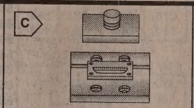


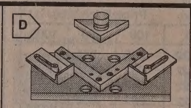
MOUSER STOCK NO.	Description	Price Each
9-125	3,000 lb. manupress instruction sheet	.25
9-135	5,000 lb. manupress instruction sheet	.25

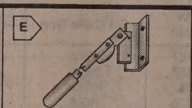
ACCESSORIES FOR THE 3,000 LB. PRESS

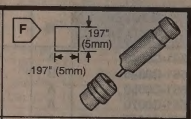


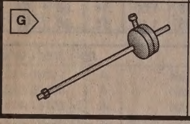


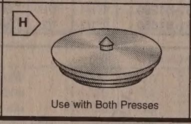


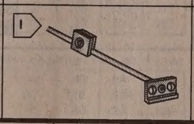


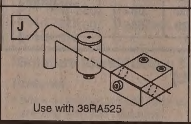


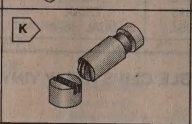


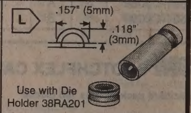












Slot Guillotine

Slot guillotine is used for accurate cutting and slotting without distorting the material. The cut slot is .12 x 2.76 inches.

MOUSER STOCK NO.	Fig.	Price Each
38RA515	A	187.83

"V" Bending Tool

"V" bending tool for box and panel fabrications includes five bending punches in lengths of 1.97", 2.95", 3.94", 4.92", and 5.91". The baseplate is 6.3" long and has a 90° groove to allow bends up to 90°.

38RA115	B	198.99

Louver Tool

Louver forming tool is used for forming ventilation apertures. Aperture size is 1.73" x .39".

38RA215	C	182.99

Corner Notching Tool

Corner notching tool is used for precise 90° angles. Adjustable stops make continuous production easy and it is particularly useful for box making.

MOUSER STOCK NO.	Fig.	Price Each
38RA015	D	198.43

Shear and Cropping Lever

Shear and cropping lever with comfortable PVC handgrip gives substantial shearing action and enables .08" aluminum or .06":-16 SWG mild steel to be cut. Comes complete with mounting bracket to use with press. **3,000 lb. Press Only**

38RA525	E	126.50

Nibbling Tool

This nibbling tool is used to rapidly nibble small .197" (5mm) square holes in fiberglass and S.R.B.P. boards, aluminum, and mild steel.

38RA035	F	40.49

Side Stop

Side stop fits either side of the press for both vertical and horizontal adjustment. Maximum adjustment from ram center is 1.62" to 8.67". Maximum vertical adjustment is .79".

MOUSER STOCK NO.	Fig.	Price Each
38RA700	G	21.73

Centering Point

For making side and back stop references fit into the center hole of the press.

38RA800	H	16.40

Back Stop

Adjustable black stop used to support sheet material. Maximum adjustment from ram center is 5.9". **3,000 lb. Press Only**

38RA300	I	22.20

Circle Cutter

Enables the shear and cropping tool 38RA525 to cut circles in sheets from 2.76" (70mm) to 19.69" (500mm) radiuses.

MOUSER STOCK NO.	Fig.	Price Each
38RA425	J	56.50

PCB Guide Panel Support

PCB guide tool forms looped lugs that are ideal for use as slides or for fixing panels and printed circuit boards.

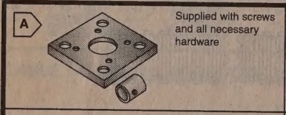
381-7004	K	112.79

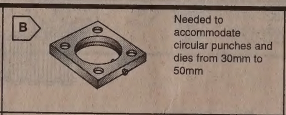
Domed Foot Indent Tool

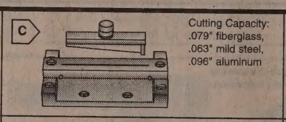
Used to form "feet" on the underside of enclosures. Approximate size of foot is .157" (4mm) diameter x .118" (3mm) high depending on material thickness.

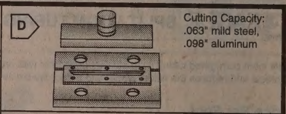
381-7005	L	62.89

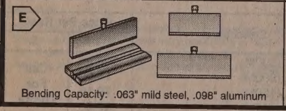
ACCESSORIES FOR THE 5,000 LB. PRESS

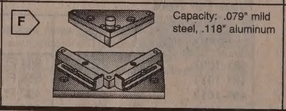


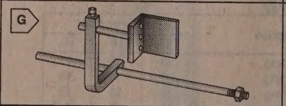

B
Needed to accommodate circular punches and dies from 30mm to 50mm

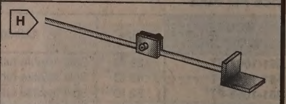

C
Cutting Capacity: .079" fiberglass, .063" mild steel, .096" aluminum











Adaptor

Enables all tooling on the 3,000 lb. Mouser metal working press (38RA005) to be utilized on the 5,000 lb. manupress.

MOUSER STOCK NO.	Fig.	Price Each
381-5001	A	101.43

Die Holder

Accommodates dies for 30-50mm punches complete with locking screws plus 4 press fixing screws.

381-5002	B	82.65

Cutting Tool

Ideal for slitting to accurate measurements without material distortion.

MOUSER STOCK NO.	Fig.	Price Each
381-5003	C	395.00

Louver Tool

Ideal for producing ventilation apertures in equipment panels. Aperture size is 3.94" length x .39" width.

381-5004	D	347.98

"V" Bending Tool

Provides bends up to 11.8" wide. Supplied with 3 blades of 7.9", 9.8", and 11.8" lengths.

MOUSER STOCK NO.	Fig.	Price Each
381-5005	E	561.23

Corner Notching Tool

Cuts 90° notches up to 5.9" per side. Adjustable stops. Ideal for box making.

381-5006	F	567.98

Side Stop

Enables material to be accurately positioned. Will adjust 0-13.8" horizontally and 0-2" vertically.

MOUSER STOCK NO.	Fig.	Price Each
381-5007	G	99.48

Back Stop

Enables the depth of work to be varied from maximum throat depth to zero.

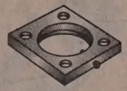
381-5008	H	70.89

Accessories, Punches, and Dies for the 5,000 and 3,000 Lb. Presses

DIE HOLDERS FOR PUNCHES AND DIES

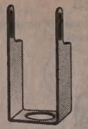
Compatible with both 3,000 and 5,000 lb. presses

MOUSER STOCK NO.	Description	Price Each
381-7006	For use with round punches and dies 3mm-12mm: 1/8" - 7/16"	25.99
38RA181	For use with 12.5mm to 27.5mm & 1/2" to 1" dies	23.68
38RA201	For use with rectangular punches and dies	22.90



STRIPPERS

Compatible with 3,000 lb. press only



"U" shaped strippers are used to separate the workpiece from the punch after operation. Allows continuous punching without resetting.

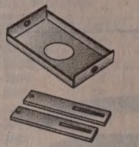
MOUSER STOCK NO.	Aperture (mm)	Price Each
38RA402	16.5 (.65")	10.58
381-7003	22.5 (.89")	11.15

STRIPPERS

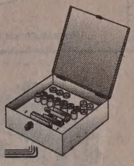
Enables work pieces to be separated from the punch after each operation which allows continuous hole punching without tool resetting.

- Two universal side plates accommodate all base plates
- For 5,000 lb. press only

MOUSER STOCK NO.	Type	Price Each
381-5010	Side plates	66.27
381-5011	Base plates (3-12mm)	23.64
381-5012	Base plates (12.5 - 27.5mm)	23.64
381-5013	Base plates (30-50mm)	23.64
381-5014	"D" stripper (9 and 15 pin)	69.84
381-5015	"D" stripper (25, 37, and 50 pin)	69.84



PUNCH AND DIE BOXED SETS



A series of four boxed punch and die sets covering the metric and standard ranges including the holders. These sets are **designed for use with the 3,000 lb. press. All punches and dies are also compatible with 5,000 lb. manupress, but require adaptor 381-5001.**

MOUSER STOCK NO.	Size Range Included	Price Each
38RA093	3mm to 12mm dia.	313.58
38RA096	1/8" to 7/16" dia.	180.29
38RA097	12.5mm to 27.5mm dia.	166.58
38RA099	1/2" to 1" dia.	137.53

CIRCULAR PUNCHES

- Finest quality tempered tool steel
- 4 larger sizes dedicated to the 5,000 lb. manupress (each has a retractable spring-loaded center pin included into the design for accurate hole alignment)

Compatible with both 3,000 and 5,000 lb. presses (Requires adaptor 381-5001 for use with 5,000 lb. manupress)

Metric (5,000 lb. Press Only)

MOUSER STOCK NO.	Fig.	Size Dia. (mm)	Price Each
381-5020	A	30	157.89
381-5021	A	35	157.89
381-5022	A	40	165.24
381-5023	A	50	191.76

Metric

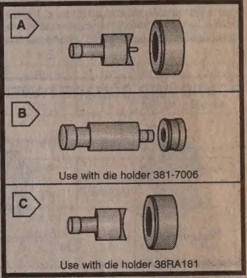
MOUSER STOCK NO.	Fig.	Size Dia. (mm)	Price Each
38RA131	B	3	19.39
38RA132	B	3.5	19.39
38RA133	B	4	19.39
38RA134	B	4.5	19.39
38RA135	B	5	19.39
38RA136	B	5.5	19.39
38RA137	B	6	19.39
38RA138	B	7	19.39
38RA139	B	8	19.39
38RA140	B	9	19.39

Metric

MOUSER STOCK NO.	Fig.	Size Dia. (mm)	Price Each
38RA141	B	10	19.39
38RA142	B	11	19.39
38RA143	B	12	19.39
38RA171	C	12.5	15.63
38RA172	C	14.5	16.53
38RA173	C	16.5	16.99
38RA174	C	20	15.45
38RA175	C	22.5	15.93
38RA176	C	25	17.38
38RA177	C	27.5	18.35

Imperial

MOUSER STOCK NO.	Fig.	Size Dia. (mm)	Price Each
38RA261	B	1/8	19.39
38RA262	B	3/16	19.39
38RA263	B	1/4	19.39
38RA264	B	5/16	19.39
38RA265	B	3/8	19.39
38RA266	B	7/16	19.39
38RA281	C	1/2	17.38
38RA282	C	5/8	17.38
38RA283	C	3/4	17.38
38RA284	C	7/8	17.38
38RA285	C	1	17.38



Use with die holder 381-7006

Use with die holder 38RA181

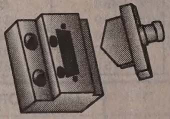
D-SUB CONNECTOR PUNCH SETS

D-subminiature connector punch and die set is manufactured of high quality steel. All cutting edges are ground for working on a variety of sheet materials. Stripping tool also available for continuous hole punching without having to reset.

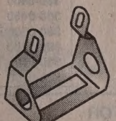
Compatible with both 3,000 and 5,000 lb. presses (Requires adaptor 381-5001 for use with 5,000 lb. manupress)

Punch and Die Sets

MOUSER STOCK NO.	No. of Pins	Mounting	Cutout Size (In.)		Price Each
			Length	Width	
381-7601	9	Front	.84	.51	255.51
381-7602	9	Rear	.78	.44	255.51
381-7603	15	Front	1.17	.51	255.51
381-7604	15	Rear	1.11	.44	255.51
381-7605	25	Front	1.71	.51	270.57
381-7606	25	Rear	1.65	.44	270.57
381-7607	37	Front	2.35	.51	289.78
381-7608	37	Rear	2.30	.44	289.78
381-7609	50	Front	2.26	.62	289.78
381-7610	50	Rear	2.19	.55	289.78



Punch and Die Set



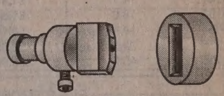
Stripping Tool

Heavy Duty Stripping Tools **Compatible with 3,000 lb. press only**

MOUSER STOCK NO.	No. of Pins	Cutout Size (In.)		Price Each
		Length	Width	
381-7007	9 and 15	1.46	.54	50.79
381-7008	25, 37, and 50	2.65	.65	50.79

RECTANGULAR PUNCHES

Compatible with both 3,000 and 5,000 lb. presses (Requires adaptor 381-5001 for 5,000 lb. manupress)

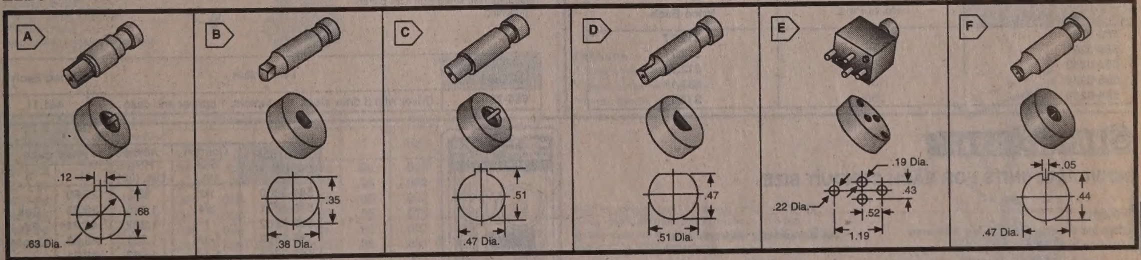


Use with die holder 38RA201

MOUSER STOCK NO.	Size (mm)	Price Each
38RA202	13.7 x 11.1	36.99
38RA203	15.9 x 13.0	39.99
38RA204	28.2 x 22.5	48.28
38RA205	28.4 x 11.4	46.88
38RA206	28.0 x 21.0	53.10
38RA207	29.4 x 22.0	48.72

ELECTRONIC COMPONENT PUNCHES Use with die holder 38RA181

DIMENSIONS (IN.)



DIN Socket Punch and Die

Diagram shows hole dimensions

MOUSER STOCK NO.	Fig.	Description	Price Each
381-7301	A	Set will make a hole to fit all standard DIN chassis sockets	89.62

BNC Punch and Die

Diagram shows hole dimensions

381-7401	B	Set will make a hole to fit all standard BNC round sockets	45.67

BNC Insulator Punch and Die

Diagram shows hole dimensions

381-7402	C	Set will make a hole to fit all standard BNC socket insulators	98.58

UHF Socket Punch and Die

Diagram shows hole dimensions

MOUSER STOCK NO.	Fig.	Description	Price Each
381-7501	D	Will make a hole to fit all 20mm fuse holders & UHF round sockets	45.07

TO-3 Transistor Punch and Die with Stripper

Diagram shows hole dimensions

381-7801	E	Set includes stripper to make a hole for mounting TO-3 transistors	132.77

Toggle Switch Punch and Die

Diagram shows hole dimensions

381-7701	F	Set will make a hole to fit most standard toggle switches	98.58

Panel Punches

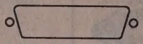
MOUSER® D-SUB CONNECTOR PUNCHES

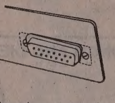
The easiest way to cut holes in mild steel, aluminum, etc. is to use Mouser "D" connector hole punches. It is almost effortless when using the friction reducing ball race (which is supplied). It is a patented design, with only 6 steps from punching to mounting. 1/8" and 21/64" drills required (drills are not supplied).

Punching capacity: Mild steel .065" (1.65mm), Aluminum .079" (2mm)

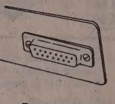
Rear Mounting D-Sub Connector Punches

MOUSER STOCK NO.	No. of Pins	Dimensions (In.)		Mounting	Price Each
		Width	Length		
38DM919	9	.78	.445	Rear	247.51
38DM928	15	1.11	.445	Rear	247.51
38DM941	25	1.65	.445	Rear	247.51
38DM958	37	2.30	.445	Rear	266.79
38DM955	50	2.19	.55	Rear	266.79





Universal or rear mounting



Front mounting

Front Mounting D-Sub Connector Punches

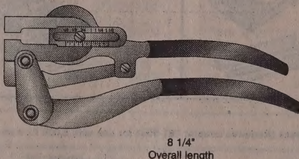
- For precise installation when a universal punch just won't do

MOUSER STOCK NO.	No. of Pins	Dimensions (In.)		Mounting	Price Each
		Width	Length		
38DM921	9	.78	.51	Front	247.51
38DM929	15	1.165	.51	Front	247.51
38DM943	25	1.708	.51	Front	247.51
38DM959	37	2.354	.51	Front	266.79
38DM957	50	2.26	.618	Front	266.79

ALL PURPOSE HAND PUNCH

For metal, plastic or masonite

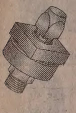
Anyone can punch sharp, burr-free holes in a variety of materials to 1/16" thick untempered metals, 3/32" phenolic, 1/4" masonite. Interchangeable die set from 1/16" dia. to 1/4" dia. punches tubing as small as 3/4" dia. Powerful leverage requires little effort to operate. Shears eyelets and leaves clean undamaged holes.



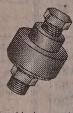
8 1/4"
Overall length

MOUSER STOCK NO.	Description	Price Each
534-1330	Hand punch	80.22
534-1331	1/16" die set	11.46
534-1332	5/64" die set	11.46
534-1333	3/32" die set	11.46
534-1334	1/8" die set	11.46
534-1335	5/32" die set	11.46
534-1336	3/16" die set	11.46
534-1337	7/32" die set	11.46
534-1338	1/4" die set	11.46
534-1339	Complete kit with hand punch and all die sets	154.71

ROUND AND SQUARE PANEL PUNCHES



Square hole punches



Round hole punches

Square Hole Punches

	MOUSER STOCK NO.	Hole Size (mm)	Price Each
	38SQ038	9.53	46.61
	380-0126	12.6	51.84
*	380-0141	14.1	51.84
*	380-0168	16.8	51.84
*	38SQ034	19.1	58.69
*	380-0325	32.5	156.65
	380-1450	45.0	345.96

* Use of ball race optional other punches supplied with ball race

Round Hole Punches

380-0125, 380-0145 & 380-0165 do not require ball races

	MOUSER STOCK NO.	Hole Size (mm)	Price Each
	380-0125	12.5	16.53
	380-0145	14.5	19.50
	380-0165	16.5	19.50
*	380-0180	18.0	19.50
*	380-0200	20.0	19.50
*	380-0225	22.5	19.50
*	380-0250	25.0	22.79
*	380-0275	27.5	22.79
*	380-0300	30.0	22.79
	380-0350	35.0	25.97
	380-0400	40.0	27.33
	380-0450	45.0	42.54
	380-0500	50.0	51.60
	380-0600	60.0	59.44
	380-0700	70.0	121.36
	380-0750	75.0	161.00

Punching capacity: Mild steel .065" (1.65mm), aluminum .079" (2mm)

Imperial sizes (In.)

	MOUSER STOCK NO.	Hole Size (In.)	Price Each
*	38RH034	3/4	19.50
*	38RH078	7/8	19.50
*	38RH100	1	22.79
*	38RH114	1-1/4	22.79
	38RH112	1-1/2	31.88
	38RH134	1-3/4	42.54

Optional Ball Race

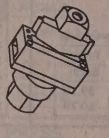
For use with square and round hole punches where ball races are optional (exceptions: for 380-0126 and 380-0141 use 38BB001 listed above).

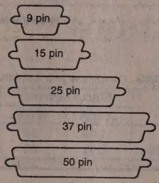
MOUSER STOCK NO.	Description	Price Each
38BB002	10mm ball race	6.44

GREENLEE® ELECTRONIC CONNECTOR PANEL PUNCHES

Features:

- Drill only one 7/16" pilot hole
- Use wrench or hydraulic drive methods
- Capacity 22-16 gauge mild steel
- Universal size for front or back mount of connectors
- 5 piece assembly: Punch, die, draw stud, square nut, and ball bearing drive nut (in a plastic carrying case)





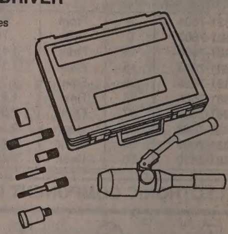
MOUSER STOCK NO.	No. of Pins	Price Each
586-0229	9	312.77
586-0231	15	312.77
586-0232	25	312.77
586-0234	37	337.11
586-0238	50	337.11

QUICK DRAW™ HYDRAULIC PUNCH DRIVER

For 1/2"-2" conduit size use with slug-buster or standard punches

Features:

- 8 ton of force for punching, 10 gauge mild steel
- Adaptor converts standard Greenlee punches through 1-1/4" conduit sizes to use 7/16" draw stud for one-step punching
- Ideal for fast, straight-on front panel punching

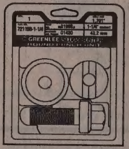


MOUSER STOCK NO.	Description	Price Each
586-7804	Driver with 3 draw studs, 2 adaptors, 1 spacer and case	441.11

SLUGBUSTER™ INDIVIDUAL UNITS FOR EACH CONDUIT SIZE

Features:

- Each unit includes punch, die and drive screw
- Capacity 10 gauge mild steel
- Use with ratchet or quick draw driver
- Also available in metric units

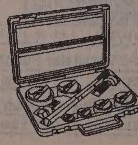


MOUSER STOCK NO.	Conduit Size (In.)	Actual Hole Dia. (In.)	Price Each	
			1	5
586-3860	1/2	.885	25.50	Call For Quote
586-3861	3/4	1.115	36.93	
586-3862	1	1.362	42.24	
586-3863	1-1/4	1.701	45.83	
586-3864	1-1/2	1.953	58.31	
586-3865	2	2.421	71.07	

SLUGBUSTER™ PUNCH SETS

Features:

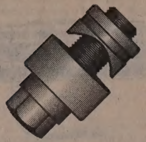
- Multi-size punch and die sets with draw studs packaged in self-contained custom-molded carrying cases. The unique slug buster punch design splits the slug in half allowing it to fall free from the die and stud. Set 586-3868 contains the new 3/8" draw stud with 1" hex head and a new 1" ratcheting wrench.



MOUSER STOCK NO.	Description	Price Each
586-3866	6 pc. set with punches & dies for 1/2" to 1-1/4" conduit & 2 draw studs	114.24
586-3867	3 pc. set with punches & dies for 1-1/2" to 2" conduit & 1 draw stud	112.91
586-3868	9 pc. set with punches & dies for 1/2" to 2" conduit, 2 draw studs & ratcheting 1" box end wrench	227.14

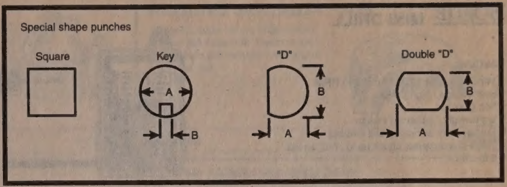
GREENLEE®

TANDARD METAL KNOCKOUT PUNCHES



piece assembly: Punch, die, and draw stud

perate manually using wrench to turn the threaded draw stud into e mating threads of the punch. This draws the punch into the die, earing a hole in the material being punched. Can also be operated th ratchet or hydraulic punch drivers.



ype 730 (Round)

MOUSER STOCK NO.	Hole Size (In.)	Capacity (Gauge)	Price Each	
			1	5
586-3801	1/2	16	19.24	
586-3802	9/16	16	22.41	
586-3803	5/8	16	22.41	Call For Quote
586-3804	11/16	14	24.63	
586-3805	3/4	14	24.63	
586-3806	13/16	14	24.63	
586-3807	7/8	10	21.07	
586-3808	15/16	14	26.51	
586-3809	1	14	28.79	
586-3810	1-1/16	16	28.79	
586-3811	1-1/8	14	28.79	
586-3814	1-1/4	16	28.79	
586-3815	1-5/16	16	28.79	
586-3816	1-3/8	16	39.93	
586-3817	1-1/2	16	44.69	
586-3818	1-5/8	10	49.60	
586-3819	1-3/4	10	53.76	Call For Quote
586-3820	1-7/8	10	62.91	
586-3821	2	10	65.21	
586-3822	2-1/8	10	68.80	
586-3823	2-1/4	10	75.11	
586-3824	2-1/2	10	107.49	

Conduit Punches

MOUSER STOCK NO.	Conduit Size (In.)	Capacity (Gauge)	Price Each	
			1	5
586-3880	1/2	10	21.80	
586-3881	3/4	10	33.50	Call For Quote
586-3882	1	10	38.11	
586-3883	1-1/4	10	40.81	
586-3884	1-1/2	10	51.20	
586-3885	2	10	60.90	

Use to punch holes for switches and instruments in enclosures
- Accurate alignment
- Burr-free holes
- Punch up to 14 gauge mild steel
- 5-piece assembly: Punch, die, draw stud, square nut and ball bearing drive nut

Square (Formerly 731 Series)

MOUSER STOCK NO.	Hole Size (In.)	Capacity (Gauge)	Price Each	
			1	5
586-3827	.5	14	123.50	
586-3828	.625	14	123.50	Call For Quote
586-3829	.75	14	130.03	
586-3830	.875	14	141.60	
586-3831	1	14	171.23	

Key (Formerly 732 Series)

MOUSER STOCK NO.	Size (In.) A x B	Capacity (Gauge)	Price Each	
			1	5
586-3832	.481x.055	14	138.94	Call For Quote
586-3833	1.171x.123	14	162.93	
586-3834	1.265x.156	14	183.14	
586-3435	1.328x.102	14	226.10	

"D" (Formerly 733 Series)

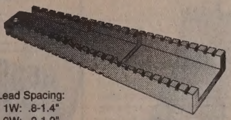
MOUSER STOCK NO.	Size (In.) A x B	Capacity (Gauge)	Price Each	
			1	5
586-3837	.469x.5	14	123.77	Call For Quote
586-3838	.594x.625	14	132.61	
586-3839	.703x.75	14	138.94	

Double "D" (Formerly 734 Series)

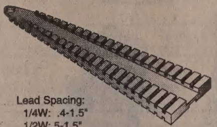
MOUSER STOCK NO.	Size (In.) A x B	Capacity (Gauge)	Price Each	
			1	5
586-3870	.769x.642	14	145.24	Call For Quote
586-3871	.795x.697	14	157.90	
586-3872	.913x.756	14	183.14	
586-3873	.913x.795	14	183.14	
586-3874	1-3/8x1-1/8	14	189.46	

PEEDY BEND LEAD FORMER

eatures:
- Watt size indicates approximate package size
- Centers components on accurate lead spacing
- Each lead former is graduated in .05" increments



Lead Spacing:
1W: .8-1.4"
2W: .9-1.9"



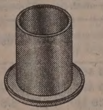
Lead Spacing:
1/4W: .4-1.5"
1/2W:.5-1.5"

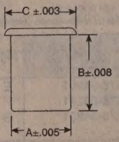
MOUSER STOCK NO.	Description (Approx. Size)	Price Each	
		1	5
5166-801	1/4 watt, 1/2 watt	2.94	2.45
5166-901	1 watt, 2 watt	3.54	2.95

KEYSTONE ELECTRONICS CORP. WIDE ROLL EYELETS

NEW!

ighest engineering standards maintained to produce these eyelets to niform dimensions. Guaranteed to be within listed tolerances. A choice f most popular sizes in general use for electronic circuitry.





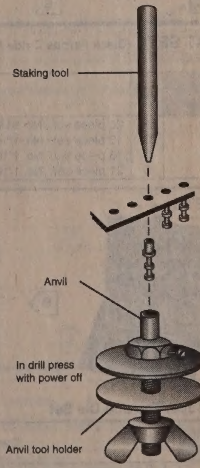
eatures:
- Material: brass
- Plating: bright electro tin
- Precision made
- Solderability retained indefinitely

MOUSER STOCK NO.	Hole Size of Material to be Eyeleted	Dimensions (In.)				Price Each			
		A		B	C	1	100	500	1000
		I.D.	O.D.						
534-22	1/16	.045	.059	.062	.105	.04	.020	.017	
534-23	1/16	.045	.059	.093	.105	.04	.022	.018	
534-24	1/16	.045	.059	.125	.105	.05	.022	.020	
534-25	1/16	.045	.059	.156	.105	.05	.025	.022	Call For Quote
534-26	1/16	.045	.059	.187	.105	.05	.027	.023	
534-27	1/16	.045	.059	.219	.105	.06	.031	.026	
534-33	3/32	.070	.089	.093	.150	.04	.021	.018	
534-34	3/32	.070	.089	.125	.150	.04	.022	.018	
534-35	3/32	.070	.089	.156	.150	.05	.022	.019	
534-36	3/32	.070	.089	.187	.150	.05	.023	.019	
534-37	3/32	.070	.089	.219	.150	.05	.024	.021	
534-43	1/8	.102	.121	.093	.200	.05	.023	.020	Call For Quote
534-44	1/8	.102	.121	.125	.200	.05	.024	.021	
534-45	1/8	.102	.121	.156	.200	.05	.026	.022	
534-46	1/8	.102	.121	.187	.200	.05	.026	.022	
534-47	1/8	.102	.121	.219	.200	.06	.027	.024	
534-48	1/8	.102	.121	.250	.200	.06	.027	.024	

KEYSTONE ELECTRONICS CORP. TOOL

"Basic" Staking Tool Kits

For single end terminals, eyelets or rivets



Features:
- Build terminal boards
- Mount components quickly
- Repair circuits
- Make prototypes, at your desk

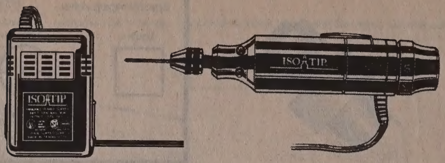
Each kit contains two 1/4" staking tools, two bottom anvils, one toolholder plus instructions. The two staking tools are for shank diameters of .062" to .098" and .110" to .125" respectively.

MOUSER STOCK NO.	Description	Price Each	
		1	5
534-1721	Staking kit	17.36	Call

Drills, Drill Bit Sets, and Accessories

ISOTIP MINI DRILL

Features:
- Variable speed 10,000 to 21,000 RPM
- Low voltage / high power
- Fan Cooled
- Lightweight / balanced design
- Permanently lubricated ball bearing
- Three-jaw universal chuck up to .140" shank
- 6 ft. cord



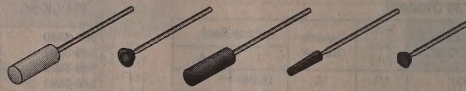
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	5
557-6636	78.95	75.00

ISOTIP 15 PIECE STEEL DRILL KIT

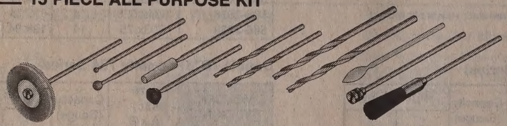
MOUSER STOCK NO.	Description	Price Each			
		1	5	10	25
557-6642	15 piece steel drill kit	15.95	15.15	14.39	Call

ISOTIP GRINDING STONES ASSORTMENT



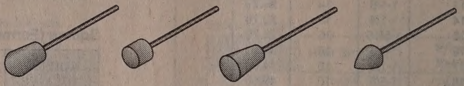
MOUSER STOCK NO.	Description	Price Each			
		1	5	10	25
557-6702	Grinding stones assortment	6.45	6.13	5.82	Call

ISOTIP 15 PIECE ALL PURPOSE KIT



MOUSER STOCK NO.	Description	Price Each			
		1	5	10	25
557-6638	15 piece all purpose kit	19.95	18.95	18.00	Call

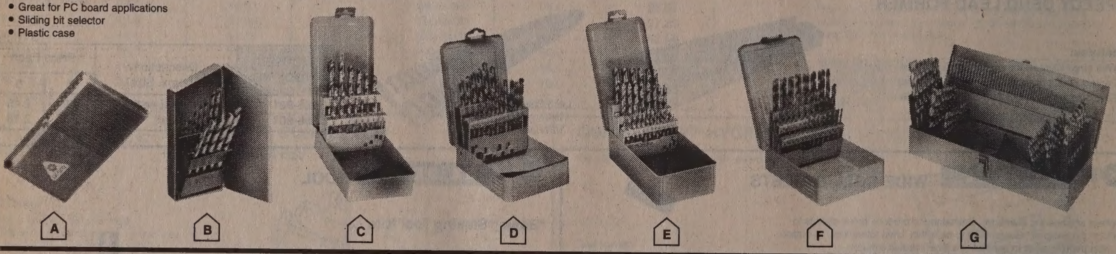
ISOTIP FELT POLISHER ASSORTMENT



MOUSER STOCK NO.	Description	Price Each			
		1	5	10	25
557-6680	Felt polisher assortment	5.35	5.08	4.83	Call

- Miniature bits
- Great for PC board applications
- Sliding bit selector
- Plastic case

3/8" Reduced Shanks



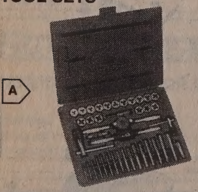
DRILL BIT SETS (Black Ferous Oxide Finish-Figures B-G)

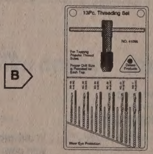
- High speed steel
- Industrial quality
- Straight shanks (except for 575-34156
- Metal index cases (Except 575-34246) which has 3/8" reduced shanks

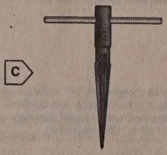
MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
575-34246	A	20 piece set: No. 61-80 (.0390" - .0135")	18.14	Call For Quote
575-34131	B	13 piece set: No. 1/16" - 1/4" in 1/64" increments	11.49	
575-34156	C	15 piece set: No. 1/16" - 1/2" in 1/32" increments	35.34	
575-34181	D	21 piece set: No. 1/16" - 3/8" in 1/64" increments	30.30	

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
575-34201	E	29 piece set: 1/16" - 1/2" in 1/64" increments	61.49	Call For Quote
575-34241	F	60 piece set: No. 1-60 (.2280" - .0400")	44.69	
575-34231	G	115 piece set: 1/16" - 3/8" in 1/64" increments; letters A-Z (.2340" - .4130") No. 1-60 (.2280" - .0400")	183.92	

TOOL SETS







13 Piece Threading Set

MOUSER STOCK NO.	Fig.	Description	Price Each
575-41095	B	Packed in an attractive vinyl display pouch. Contents: 6 wire gauge 135° split point screw machine length HSS drill bits, no.'s 43, 35, 29, 25, 21, and 7; 6 plug taps, 4-40NC, 6-32NC, 8-32NC, 10-24NF, and 1/4-20NC plus tap wrench	11.68

40 Piece Super Tap and Die Set

#4-1/2"NC and NF sizes

MOUSER STOCK NO.	Fig.	Description	Price Each
575-44332	A	Carbon steel plug taps with 1" round screw adjusting dies for 17 most common thread sizes. Includes die stock, tap wrench, (2) T-handle tap wrenches, screw pitch gauge, screwdriver, and molded case.	126.32

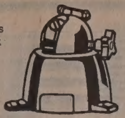
T-Handle Reamer

MOUSER STOCK NO.	Fig.	Description	Price Each
575-44270	C	Hardened and ground steel reamer for removing burrs or enlarging holes in sheet, plastics and similar material. Enlarges holes 1/8" to 1/2"	8.40

Vises, Presses, and Accessories

STANDARD BASE (300)

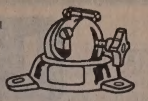
Standard base holds all regular 300 series heads and PCB holders. Split-ball feature permits work in various positions - turns and tilts. 3 base mounting holes in the lugs allow permanent mounting of base.



591-300 **$ 18.99**

LOW PROFILE BASE (305)

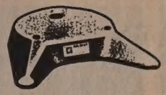
Low profile base has same features as model 300 except it is only 2 1/2" high, for working close to bench surface. Can also be permanently mounted.



591-305 **$ 18.99**

WEIGHTED BASE MOUNT (308)

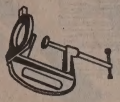
Weighted base mount holds model 300 or 305 base with 3 screws and nuts, which are included. Weighs 5 lbs., cast iron.



591-308 **$ 20.99**

BENCH CLAMP (311)

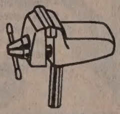
Bench clamp designed for bases 300 and 305 with screws supplied. Height 6 3/4", throat depth 2 3/8", gripping range 0"-3 1/2"



591-311 **$ 34.99**

STANDARD VISE HEAD (303)

Standard vise head has 2 1/2" wide nylon jaws that open 2 1/4" and allow firm but damage-free grip. Fits 300 and 305 bases

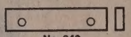


591-303 **$ 21.99**

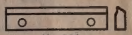
NYLON JAWS (343 AND 344)

No. 343: Nylon jaws for 303 vise; type 66 nylon; electrical insulation withstands continuous heat of 200°F.

No. 344: Grooved nylon jaws with horizontal V-groove designed to hold small objects



No. 343
Nylon jaws for 303-1 Vise

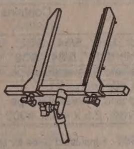


No. 344
Grooved nylon jaws

591-343 **$ 2.49**
591-344 **$ 3.49**

CIRCUIT BOARD HOLDER (315)

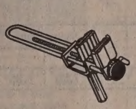
Circuit board holder; holds PC boards of any shape, up to 12:" wide in any position. Tension arm permits easy board insertion. Both arms extend 6" from the bar, with V-grove grip designed to hold PCB's up to 5/32" thick. Fits all 300 series bases.



591-315 **$ 25.99**

WIDE OPENING VERTICAL VISE HEAD (366)

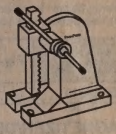
Wide opening vertical vise head fits all 300 series bases. Neoprene reversible, replaceable pads, rotates 360°. Tilt action 180°, grip range 0"-6", jaw pad width 1 3/4", throat depth 2".



591-366 **$ 26.49**

STANDARD PANAPRESS (501)

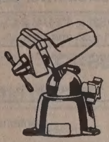
Standard panapress weighs less than 6 lbs. and stands only 7" high. Exerts pressure up to 1/4 ton. Throat depth 2 1/2", vertical capacity 3 1/2", base dimensions 3 5/8" x 7", ram size 3/4" sq. x 6 1/4".



591-501 **$ 89.99**

STANDARD PANAVISE (MODEL 301)

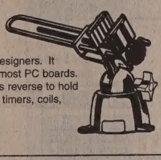
All purpose work holding unit. It tilts, turns, and rotates. This combination consists of the 300 Standard Base and the 303 Standard Head which has 2 1/2" wide nylon jaws that open 2 1/4" for firm but damage free grip. Control knob locks the work firmly in any position.



591-301 **$ 39.99**

WIDE OPENING HEAD (MODEL 396)

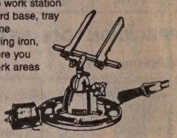
A combination of the 366 Wide Opening Head and the 300 Standard Base, which makes this holding device very versatile for production lines, technicians, and designers. It opens to a full 6" to accommodate most PC boards. The deep-ribbed neoframe jaw pads reverse to hold delicate cylindrical objects: such as timers, coils, motor armatures, etc...



591-396 **$ 44.49**

ELECTRONIC WORK CENTER (MODEL 324)

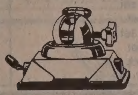
A complete electronic work center. The work station gives you a circuit board holder, standard base, tray base mount, and solder station, all in one package. All parts, tooling, wire, soldering iron, and PC boards are located exactly where you want them. This combination keeps work areas more efficient and manageable.



591-324 **$ 70.99**

VACUUM BASE (380-45)

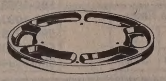
A special base for portable applications. Moving the black-tipped lever arm attaches the vacuum base instantly to any smooth non-porous surface, without marring. A flip of the lever releases the base. Accepts all 5/8" stems into base. Special head can tilt 45 degrees.



591-380-45 **$ 30.99**

TRAY BASE MOUNT (312)

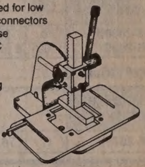
Designed for the low profile, and standard base. This is a very stable work platform, yet is easily portable. Six individual trays are cast into base for holding of small parts. Tray mount is exceptionally stable and resists tipping. It has 6 non-marring, anti-skid base pads. Standard base attached with 3 screws included with base.



591-312 **$ 19.99**

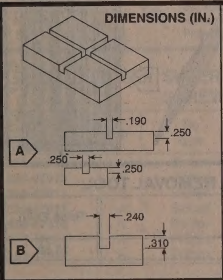
IDC BENCH ASSEMBLY PRESS (505)

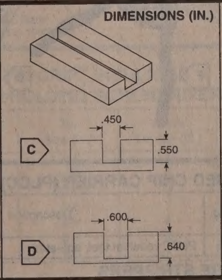
A rugged, practical installation tool designed for low volume, mass termination of various IDC connectors on flat (ribbon) cable. Interchangeable base plates accommodate a broad range of IDC connectors, and are capable of mass terminating up to 64 conductor cable in seconds without wire stripping or soldering

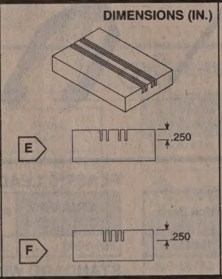


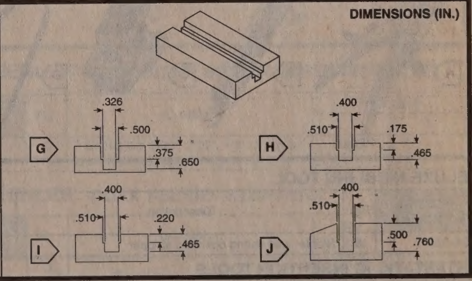
591-505 **$ 166.99**

IDC BENCH ASSEMBLY PRESS ACCESSORIES (Use with Mouser Stock No. 591-505)



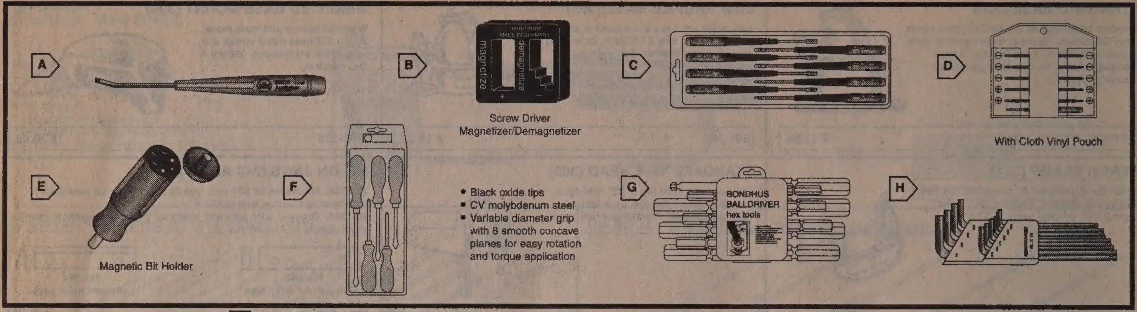






MOUSER STOCK NO.	Fig.	Description	Price Each
591-510	A	For female socket transition connectors. Fits: Ansley, Amphenol/Spectra Strip, 3M/AP Products, Alpha, Augat, Souriau	26.99
591-510A	B	For female socket transition connectors. Fits: Belden	26.99
591-511	C	For card edge connectors. Fits: Ansley, 3M/AP Products, Alpha	26.99
591-511A	D	For delta type connectors. Fits 3M/AP Products	26.99
591-512	E	For standard DIP plugs. Fits: all makes either .100" x .300" or .100" x .600" (industry standard sizes)	26.99
591-512A	F	For miniature DIP Plugs. Fits: all makes .100" x .100" (industry standard)	26.99
591-513	G	For D-sub connectors. Fits: Ansley, Alpha	26.99
591-513A	H	For D-sub connectors. Fits: 3M/AP Products #925140-25-R male, 3M/AP Products #925145-25-R Female, AMP RS232 male and female	26.99
591-513B	I	For D-sub connectors. Fits: H & T	26.99
591-513C	J	For D-sup connectors. Fits: Belden	26.99

BONDHUS Tools



Screw Driver Magnetizer/Demagnetizer

With Cloth Vinyl Pouch

Magnetic Bit Holder

- Black oxide tips
- CV molybdenum steel
- Variable diameter grip with 8 smooth concave planes for easy rotation and torque application

PRECISION CHIP LIFTER- Wiha BRAND

Made in Germany

NEW IN'95

Features:

- Blade: Chrome-vanadium-molybdenum-steel, hardened, chrome-plated
- Handle: Slender, high quality plastic, impact resistant, black, cadmium free.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
596-26810	A	Lifts off tight parts on printed circuit boards	7.00	5.95

MAGNETIZER/DEMAGNETIZER- Wiha BRAND

Made in Germany

MOUSER STOCK NO.	Fig.	Description	Price Each
596-40010	B	Housed in shatter proof ABS plastic	8.50

PRECISION TOOL SETS- Wiha BRAND

Made in Germany

Nutdriver Sets

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	5
596-26590	C	8 piece metric nutdrivers, 2.5mm -7.5mm	55.20	46.92
596-26591	C	8 piece imperial nutdrivers, 3/32" - 1/4"	54.75	46.54

Hexdriver Sets

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	5
596-26390	C	7 piece metric nutdrivers, .71mm - 3.0mm with case	27.33	23.25
596-26391	C	8 piece imperial nutdrivers, .028" - 1/8" with case	30.70	26.10

Torx® Driver Set

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	5
596-26790	C	T6, T7, T8, T9, T10, and T15 with case	35.40	30.09

Screwdriver Sets

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	5
596-26090	C	Slotted: 1/16", 5/64", 3/32", 1/8", 9/64", & 5/32"	23.75	20.19
596-26190	C	Slot/phil: 1/16", 5/64", 3/32", 1/8", #00, #0 & #1	28.95	24.61
596-26990	D	Handle and 3 reversible tips: 2mm x #00, 3mm x #0, 4mm x #1	28.35	24.10
596-26991	D	Handle and 5 reversible tips: 1.5 x 3mm, 2 x 3.5mm, 2.5 x 4mm, #000 x #00, #0 x #1	45.85	38.97

1/4" Magnetic Bit Holder Set

- Insulated blade for safety

596-38006	E	Insulated magnetic bit holder with 1/4" drive. Bits 1", 3/16", 1/4", 5/16", #1, #2, and #3	16.95	14.41

Mechanics' Power Handle™ Screwdriver Set

596-30892	F	Slotted, 7/32" x 4", 1/4" x 5", 3/8" x 7" Phillips, #1 x 3" and #2 x 4"	40.20	34.17

TOOL SETS BONDHUS®

Balldriver® Hexdriver Sets

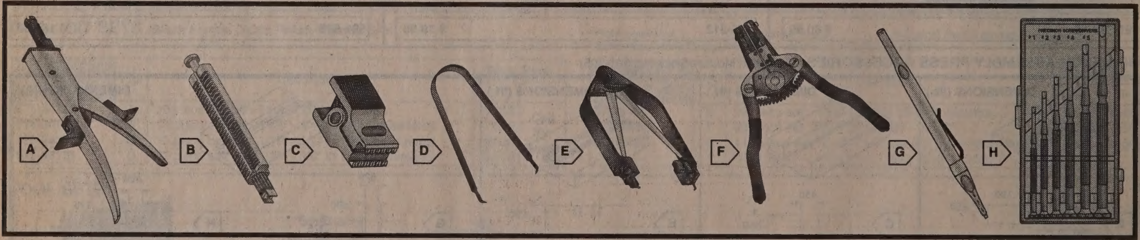
- Industrial quality hardened blades

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	5
596-10632	G	8 piece .05"-5/32" hexdrivers	16.15	13.73
596-10637	G	13 piece .05"-3/8" hexdrivers	41.13	34.96
596-10687	G	7 piece 1.27mm-5mm hexdrivers	15.53	13.20
596-10699	G	9 piece 1.5mm-10mm hexdrivers	33.05	28.09

Balldriver® L-Wrench Sets

- Industrial quality hardened blades

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	5
596-10936	H	12 piece .05"-5/16" L-wrench set	13.90	11.82
596-10937	H	13 piece .05"-3/8" L-wrench set	17.72	15.06
596-10938	H	10 piece 1/16"-1/4" L-wrench set	10.95	9.31
596-10932	H	8 piece .05"-5/32" L-wrench set	7.99	6.79
596-10999	H	9 piece 1.5mm-10mm L-wrench set	14.74	12.53
596-10946	H	6 piece 1.5mm-5mm L-wrench set	5.99	5.09



DELUXE NIBBLING TOOL

MOUSER STOCK NO.	Fig.	Description	Price Each
524-806	A	Nibbler with spring operated stripper	14.68

ANTI-STATIC IC INSERTION TOOLS

524-12-4108	B	8 pin insertion tool	9.84
524-12-4116	B	14 - 16 pin insertion tool	9.84
524-12-4120	B	18 - 20 pin insertion tool	9.77
524-12-4122	B	22 pin insertion tool	12.53
524-12-4128	B	24 - 28 pin insertion tool	12.53
524-12-4140	B	36 - 40 pin insertion tool	12.53

IC EXTRACTOR TOOL

38IC565	C	Spring action clip extractor for use up to 16 pin	3.41
524-9227	D	IC spring steel extractor	3.22

PLASTIC LEADED CHIP CARRIER (PLCC) REMOVAL TOOL

MOUSER STOCK NO.	Fig.	Description	Price Each
381-1000	E	PLCC removal tool, anti-static	13.50

STANDARD WIRE STRIPPERS

524-766	F	12 - 20 AWG stripper	15.18
524-766-A	F	14 - 30 AWG stripper	16.91

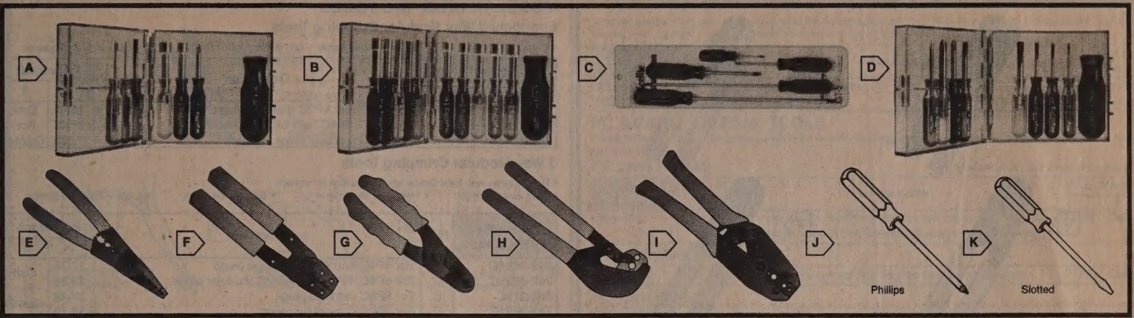
Spectrol TRIMMER POTENTIOMETER ADJUSTMENT TOOL

594-8T000	G	Glass filled nylon body, stainless steel blades	1.06

PRECISION SCREWDRIVER SET

- Sizes (mm): .8, 1.4, 2.0, 2.4, 2.9, 3.8

38TS100	H	6 piece slotted set with clear-view plastic case	12.91



Xcelite® SCREWDRIVER AND NUTDRIVER SET

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	3
578-PS7	A	2 nutdrivers 1/4" and 5/16", 2 slotted and 2 phillips screwdrivers, 3/16", 3/32"	17.44	16.35

Xcelite® NUTDRIVER SETS

578-PS120	B	10 nutdrivers 3/32" - 3/8"	28.19	26.43
578-PS121MM	B	10 nutdrivers 3mm - 10mm	34.77	32.60
578-HS6-18	B	10 hollow shaft nutdrivers 3/16" - 9/16"	47.66	44.69

Xcelite® SCREWDRIVER SETS

578-SDX-22	C	5 phillips screwdrivers, 1/8", 3/16", 1/4", 5/16"	20.30	19.04
578-SDR-11	C	5 slotted screwdrivers, 1/8", 5/32", 3/16", 1/4", 5/16"	18.64	17.48
578-PS88	D	5 slotted, 3 phillips, and torque handle	21.68	20.33

Xcelite® WIRE STRIPPER AND CUTTER

MOUSER STOCK NO.	Fig.	Description	Price Each
578-104CG	E	Cutter, stripper, crimper, and bolt cutter	22.64

D-SUB CRIMPING TOOL

556-WS26	F	Crimps all loose, crimp type D-sub connectors	9.79

F CONNECTOR STANDARD CRIMPING TOOL

556-WS17	G	Ferrule tool for RG-59/U and RG-58/U coaxial cable	4.39

F CONNECTOR PROFESSIONAL HEX CRIMP TOOL

MOUSER STOCK NO.	Fig.	Description	Price Each
556-WS25	H	Crimp tool for RG-59/U and RG-6/U coaxial cable	17.50
556-WS27	H	Crimp tool for RG-58/U and RG-59/U coaxial cable	17.50

F CONNECTOR FULL CYCLE RATCHET CRIMP TOOL

556-WS28	I	For RG-58/U and RG-59/U cable plus 1/16" pin	24.95
556-WS28D2	I	Interchangeable die for coax cables: RG-174/U, RG-58/U, and RG-6/U	10.99

Xcelite® PHILLIPS HEAD, ROUND BLADE SCREWDRIVERS

MOUSER STOCK NO.	Fig.	Point Size	Blade Dia. (In.)	Blade Length (In.)	Total Length (In.)	Price Each
578-X100	J	0	1/8	2	4 5/8	2.53
578-X101	J	1	3/16	3	6 5/8	3.36
578-X108	J	1	3/16	6	9 5/8	4.42
578-X102	J	2	1/4	4	8 1/8	4.50

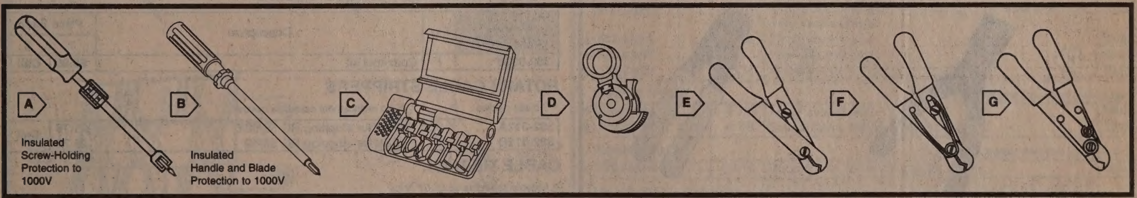
Xcelite® SLOTTED SCREW, ROUND BLADE SCREWDRIVERS

MOUSER STOCK NO.	Fig.	Blade Dia. (In.)	Handle Length (In.)	Blade Length (In.)	Total Length (In.)	Price Each
578-R184	K	1/8	2 5/8	4	6 5/8	2.77
578-R186	K	1/8	2 5/8	6	8 5/8	2.86
578-R3163	K	3/16	3 5/8	3	6 5/8	3.38
578-R3164	K	3/16	3 5/8	4	7 1/8	3.89

Xcelite® CLIP-STYLE POCKET SCREWDRIVERS

* Slotted ** Phillips

*	578-R181	K	1/8	2 1/4	2	4 1/4	1.67
**	578-P12S	J	0	2 1/4	2	4 1/4	2.26



GREENLEE® SUPER TRI-GRIP™ INSULATED SCREW-HOLDING SCREWDRIVERS

MOUSER STOCK NO.	Fig.	Tip Type	Tip Size (In.)	Blade Length (In.)	Price Each
586-47609	A	Slotted	1/8	4	12.25
586-47610	A	Slotted	5/32	5	14.98
586-47611	A	Slotted	3/16	6	17.02
586-47612	A	Slotted	1/4	7	19.63
586-47613	A	Phillips	#0	4	14.52
586-47614	A	Phillips	#1	6	17.70
586-47615	A	Phillips	#2	7	20.19

FULLY INSULATED HIGH VOLTAGE SCREWDRIVERS

MOUSER STOCK NO.	Fig.	Tip Type	Tip Size (In.)	Blade Length (In.)	Price Each
382-8001	B	Phillips	#1	6.6	4.45
382-8002	B	Phillips	#2	8.1	5.25
382-8003	B	Phillips	#3	10.6	7.49
382-8005	B	Slotted	7/32	6.6	4.25
382-8006	B	Slotted	15/64	8.1	4.95
382-8008	B	Slotted	5/16	10.6	6.95

GREENLEE® KWIK-BITS™ BIT BOX SCREWDRIVER SET

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	5
586-47819	C	3 slotted bits 5/32", 7/32", 1/4", 3 phillips bits #1, #2, #3, and 1 magnetic chuck	14.25	- - -

GREENLEE® COAX 1 SERIES STRIPPERS

MOUSER STOCK NO.	Fig.	Description	For Coax	Price Each
586-46700	D	Preset for a 3-level strip, adjustable for single or 2-level strip	RG 58	34.33
586-46701	D		RG 59	34.33
586-46710	D		RG 6	34.33
586-46712	D		Belden 8281	34.33

WIRE STRIPPERS AND CUTTERS

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
575-100	E	Screw adjustment without spring, 5"	3.03	2.84
575-101S	F	Screw adjustment with spring, 5"	3.75	3.52
575-103S	G	Cam adjustment with spring, 5-5/16"	4.79	4.49

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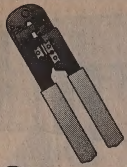

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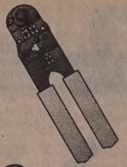

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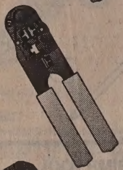

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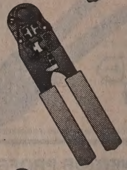

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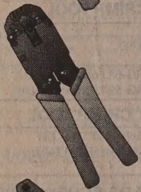

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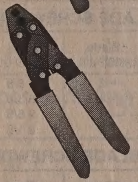

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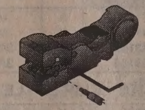

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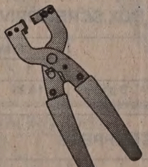

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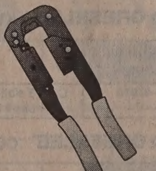

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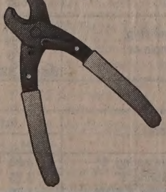

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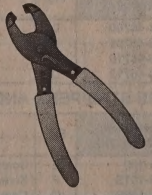


MODULAR CRIMPING TOOLS

Economy 3 Way Modular Crimping Tools

- Cuts, strips, crimps
- Hardened steel frame
- Black oxide finish
- Light weight and durable

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
382-2194	A	For 4P4C and 4P2C modular plugs	16.43	Call
382-2196	A	For 6P6C, 6P4C, and 6P2C modular plugs	16.43	For
382-2198	A	For 8P8C modular plugs	17.89	Quote

3 Way Modular Crimping Tools

- Deluxe types with Safe Guide, and closed lock for storage
- Cuts, strips, crimps
- Hardened steel frame
- Black oxide finish
- Light weight and durable

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
382-2094C	B	For 4P4C and 4P2C modular plugs	17.76	Call For Quote
382-2096C	B	For 6P6C, 6P4C, and 6P2C modular plugs	19.38	
382-210C	C	For 8P8C modular plugs	21.48	
382-2092C	D	For 10P10C modular plugs	34.10	

Replacement Blades

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
382-20961	- - -	Fits, 2194, 2196, 2198, 2094C, and 2096C	3.72	Call

Professional Modular Crimping Tool

8" professional modular crimping tool cuts, strips, and crimps the more popular modular plugs. 382-2008 is designed for crimping 8P8C, 6P6C, 6P4C, 6P2C, 4P4C, and 4P2C modular plugs with stranded-flat wire.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
382-2008	E	Crimping tool for 8, 6, 4 position modular plugs	99.95	Call

"F" CRIMPING TOOLS

Economy "F" Crimping Tools

382-0058	F	For RG-58/U	3.44	Call
382-0059	F	For RG-59/U	3.29	

Parallel Action "F" Crimping Tool

382-0242	G	9" deluxe hex type for RG59 and aluminax RG6	8.55	Call

COAX CRIMPING TOOL

- Crimps: RG6, 59, 62, 140, 210, Belden 8279, 55, 58, 141, 142, 223, 303, 400, fiber optic

382-301C	H	Ratchet hex tool for F, BNC, TNC, N, Teflon, Thinnet-PVC and Fiber Optic connectors	36.89	Call

DELUXE CUTTING, STRIPPING, AND CRIMPING KIT

Kit Includes:

- (1 ea.) 382-0301 Heavy Duty Professional Hex Crimp Tool
- Assortment of dies to work with the following types of Coaxial Cable: RG6, 8, 8X, 9, 11, 55, 58, 59, 62, 87A, 122, 140, 141, 142, 149, 165, 174, 178, 179, 180, 187, 188, 195, 210, 213, 214, 216, 223, 225, 303, 316, 400, Fiber Optic, Belden types 8218, 8279, and 9913
- Coax Stripper that works with RG58, 59, 62, 6, & 3C2V cable
- Heavy Duty 6 1/2" Cable Cutter that works with .16" to .413" cable

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
382-0330	I	Coax tool kit	89.95	Call

ROTARY CABLE STRIPPERS

- 3 blade models
- No replacement cassettes needed

382-312A	J	Pre-set for stripping RG 59/62/6	21.76	Call
382-312B	J	Pre-set for stripping RG 58/59	21.76	

CABLE TIE TOOL

- Accepts cable ties up to .07" thick

382-2081	K	6-1/2" long, steel, and black oxide finish	12.40	Call

D-SUB CRIMP TOOL

382-0213	L	For computer pins and sockets D-SUB 20-28 AWG wire	18.48	Call

IDC CRIMPING TOOL

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
382-0211	M	For IDC type round wire use	18.48	Call

IDC CRIMPING PLIERS

- Easy to assemble flat cable onto IDC-type connectors. Crimping distance for connectors height from .236"-1.08"

382-0214	N	Deluxe 9-1/2" long tool with a steel frame	18.15	Call

CABLE CUTTER

- 6 1/2" long
- Hardened carbon steel
- Black oxide finish

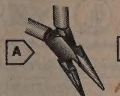
382-0206	O	Curved blade cuts wire .016" to .413"	8.37	Call

STRAIN RELIEF AND FITTING PLIER

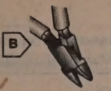
- Bushing capacity up to 3/4" diameter
- For STP-1 and STP-2 wire

382-0205	P	6.8" long, steel material, and black oxide finish	10.23	Call

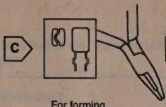
Electronic Pliers



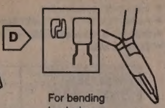
Long nose with side cutter



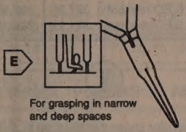
Diagonal cutting nipper



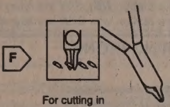
For forming lead wires



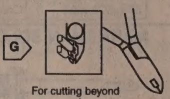
For bending lead wires



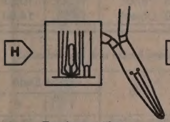
For grasping in narrow and deep spaces



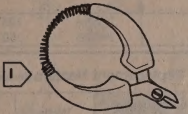
For cutting in narrow spaces



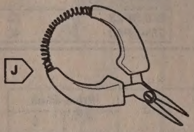
For cutting beyond certain components



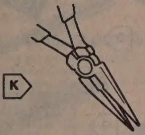
Top down cutting in deep spaces

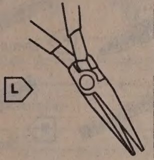


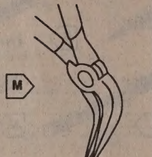
Flush cutter

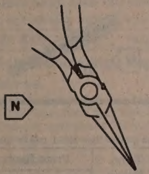


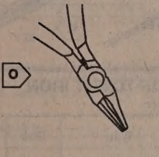
Flat nose (serrated)

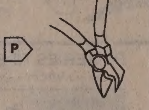


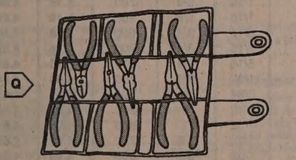


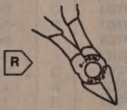


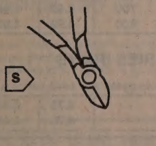


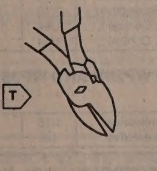


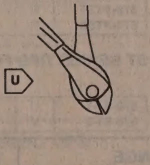


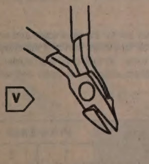


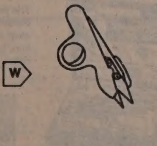


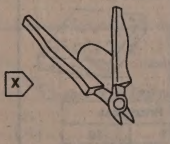












MINIATURE PLIERS

Ideal for precise PCB work. Recommended for cutting copper and soft lead wires. Return spring, durable box joint and smooth insulated grips. Long nose pliers have serrated tips with smooth inside jaw.

MOUSER STOCK NO.	Fig.	Description	Price Each
382-0703	A	Long nose with side cutter	5.50
382-0705	B	Diagonal cutting nipper	5.60

PC BOARD "DREAM" TOOLS

Small, lightweight pliers. Designed primarily for holding, bending, and cutting fine wires in electronic, radio, TV, and electrical work.

PC Lead Forming

• Take a look at what these pliers can do

MOUSER STOCK NO.	Fig.	Size (In.)	Description	Price Each 1	Price Each 5
383-1001	C	4 1/2	Forms strain reliefs in component leads and indents in leads to hold components during wave soldering	24.09	Call

PC Lead Bending

383-1002	D	4 1/2	For adjusting lead spacing on small components	24.09	Call

PC Bent Nose

383-1003	E	5 1/2	Manipulates and dresses components in tight spaces	23.71	Call

PC Nippers

383-1004	F	5	Very narrow cutting head for cutting in close spaces	25.41	Call

PC Tip Cutters

383-1005	G	5	Cutting tool for those crowded, inconvenient areas	25.41	Call

PC End Cutting Nippers

383-1006	H	5 1/4	"Top down" cutting for high density areas	27.10	Call

PALM GRIP SERIES

Six handy tools for repair and assembly of electronic components and other tasks.

- Color coded handles
- Precision, rust proof stainless steel
- Spring loaded with minimal travel
- Good for: PC boards, setting precise and small parts, assembling plastic hobby models, cutting small wires, fishing, and hundreds of other tasks.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	Price Each
382-1017	I	Red	Flush cutter	14.87
382-1018	J	Blue	Flat nose pliers (serrated)	14.87
382-1019	- -	Tan	Flat nose pliers	14.87
382-1020	- -	Yellow	Round nose pliers	14.87
382-1021	- -	Green	Needle nose pliers	14.87
382-1022	- -	Orange	Curved nose pliers	14.87

Diamond®/Xcelite® PLIERS

Models with an asterisk (*) have unique corrosion proof Copaloy® copper alloy rivet joints. They act like precision bearings to eliminate steel-on-steel friction and maintain perfect alignment of tips and cutting edges. All Copaloy® pliers come with coil springs. All models below have green plastic handles.

Long Nose

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size (In.)	Description	Price Each
* 578-SN54	K	4 7/8	With side cutter, finely scored jaws	14.96
* 578-SN55	K	5 13/16	With side cutter, finely scored jaws	14.94
* 578-L4	L	4	Subminiature, very fine point	12.28
578-LN56P	L	6 3/4	Diamond scored jaws for extra grip. For radio and telephone workers	11.82
* 578-LN54	L	4 7/8	Finely scored jaws	13.48
* 578-LN55	L	6	Finely scored jaws	13.78
* 578-CN54	M	4 9/16	Curved nose (Approx 60°), smooth jaws	15.08

Needle Nose

For quantities greater than listed, call for quote.

* 578-NN54	N	4 7/8	Finely scored jaws	15.92
* 578-NN54-1	N	4 7/8	Smooth jaws, slightly rounded edges	15.92

Round Nose

For quantities greater than listed, call for quote.

* 578-RN54	O	4 9/16	Smooth jaws, for forming loops in wire	14.32

Handy Pack Assortment

For quantities greater than listed, call for quote.

* 578-C1	Q	- - -	Includes MS54, SN54, LN54, NN54, plus 4" traverse end cutter, 4" flat nose pliers & leather pouch w/ brass snaps	107.46

Flush Cutting

For quantities greater than listed, call for quote.

* 578-AN54	P	4 3/16	Angle blade flush cutter for soft wire (.025") or plastic	30.18
* 578-MS54-5	R	4 1/8	Straight cutter, 7/16" cutting blade	13.08
* 578-MS54-7	S	4 1/8	Flush cutter, 7/16" cutting blade	13.76

Diagonal Cutting

For quantities greater than listed, call for quote.

* 578-MS54	S	4 1/8	General purpose, 7/16" cutting blade	12.26
578-S54P	T	4 7/16	General purpose, 5/8" cutting blade	13.56
578-S55P	T	5 1/16	General purpose, 3/4" cutting blade	13.22
578-SS57P	U	7 1/8	Heavy duty 25/32" cutting blade	14.12
* 578-MS54-3	V	4 1/8	Thin flush cutter, ground down on back side	13.98

CooperTools SPEED CUTTER

For quantities greater than listed, call for quote.

578-1570B	W	- - -	Versatile, 4-3/4" light-weight cutter with stainless steel replaceable blades. Heavy duty contoured frame	6.83

GC ELECTRONICS CLIP AND GRIP FLUSH CUTTER

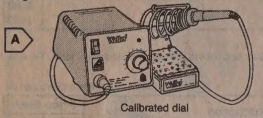
For quantities greater than listed, call for quote.

524-12-504	X	- - -	Forged alloy steel cutters for wire up to .047" dia. (18 AWG). Retainer holds clipped ends	14.23

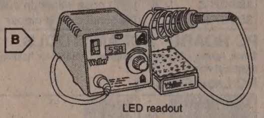
Weller® Soldering Tools

VARIABLE TEMPERATURE ESD SAFE SOLDERING STATIONS

For all delicate soldering operations in even the most sophisticated applications. All units have a temperature range of 350°F to 850°F. Dial models are calibrated in 10°F steps. LED models display temperatures which can be set at 1°F increments. Instantaneous readings are available by setting the selector switch to "read" position. Tip high voltage spikes and magnetic fields are eliminated by the unique thyristor power control with zero thyristor drive. Weight: 3 3/4 lbs.



Calibrated dial



LED readout

Features:

- Weller blue housing
- Electrostatic dissipative
- Available with 20 or 40 watt iron
- Iron stand has water reservoir and tip storage. May be positioned left or right of unit or remotely
- Made in USA

MEETS MIL SPECS MIL-B18705

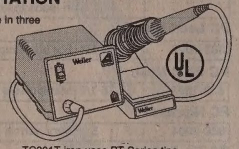
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	6
578-EC10021	A	Complete station with 40W iron/stand	234.69	210.80
578-EC10022	A	Complete station with 20W iron/stand	234.69	210.80
578-EC20021	B	Complete station with 40W iron/stand (LED readout)	321.29	288.59
578-EC20022	B	Complete station with 20W iron/stand (LED readout)	321.29	288.59

CONTROLLED OUTPUT SOLDERING STATION

The Weller "Magnastat" control system controls output temperature in three ranges: 600°F, 700°F, and 800°F.

Complete with low voltage soldering pencil with PTA7 tip

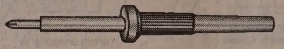


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	6
578-WTCPT	139.55	125.34

TC201T iron uses PT Series tips

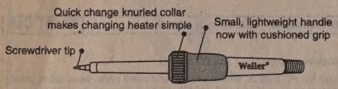
MARKSMAN SOLDERING IRONS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Watts	Cord	Tip	Price Each	
				1	12
578-SP23	25	2-Wire	.125" Pencil	11.23	10.53
578-SP40	40	2-Wire	.250" Chisel	14.93	14.00

PROFESSIONAL SOLDERING IRONS

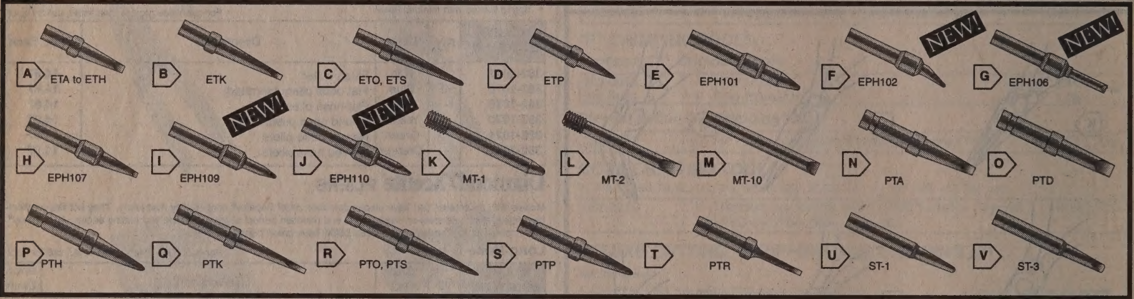

Quick change knurled collar makes changing heater simple
Small, lightweight handle now with cushioned grip
Screwdriver tip
Weller®

Both irons fitted with tip ST-3

MOUSER STOCK NO.	Watts	Cord	Price Each	
			1	6
578-WP25	25	3-wire	30.95	27.80
578-WP35	35	3-wire	38.93	34.97

Replacement Heaters (Includes heater and knurled collar)

MOUSER STOCK NO.	Watts	Fits	Price Each	
			1	6
578-HE25	25	578-WP25	14.41	12.95
578-HE35	35	578-WP35	19.29	17.33



ET SERIES TIPS FOR 578-EC10021, 578-EC20021

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Size	Reach (In.)	Temp. Rating	Price Each	
						1	10
578-ETA	A	Screwdriver	1/16	5/8	- -	4.90	4.59
578-ETB	A	Screwdriver	3/32	5/8	- -	4.90	4.44
578-ETC	A	Screwdriver	1/8	5/8	- -	4.90	4.44
578-ETD	A	Screwdriver	3/16	3/4	- -	4.90	4.44
578-ETH	A	Screwdriver	1/32	5/8	- -	4.90	4.44
578-ETK	B	L. Screwdriver	3/64	1	- -	4.90	4.44
578-ETO	C	L. Conical	1/32	1	- -	4.90	4.44
578-ETP	D	Conical	1/32	5/8	- -	4.90	4.59
578-ETS	C	L. Conical	1/64	1	- -	4.90	4.44

EPH SERIES TIPS FOR 578-EC10022, 578-20022

578-EPH101	E	Micropoint	1/64	7/16	- -	5.12	4.80
578-EPH102	F	Bent Conical	1/32	7/16	- -	5.12	4.80
578-EPH106	G	Screwdriver	1/16	7/16	- -	5.12	4.80
578-EPH107	H	Chisel	5/64	7/16	- -	5.12	4.80
578-EPH109	I	Conical	1/32	7/16	- -	5.12	4.80
578-EPH110	J	Conical	1/16	7/16	- -	5.12	4.80

MT SERIES TIPS FOR MARKSMAN® IRONS

For quantities greater than listed, call for quote.

578-MT-1	K	Cone	1/8	- -	- -	3.26	3.06
578-MT-2	L	Screwdriver	1/8	- -	- -	3.26	3.06
578-MT-10	M	Chisel	1/4	- -	- -	5.97	5.60

PT SERIES TIPS FOR TC201T IRON

For use with WTCPT solder station

For quantities greater than listed, call for quote.

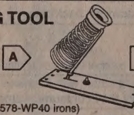
MOUSER STOCK NO.	Fig.	Type	Size	Reach (In.)	Temp. Rating	Price Each	
						1	10
578-PTA6	N	Screwdriver	1/16	5/8	600	5.18	4.86
578-PTA7	N	Screwdriver	1/16	5/8	700	5.18	4.86
578-PTA8	N	Screwdriver	1/16	5/8	800	5.18	4.86
578-PTD6	O	Screwdriver	3/16	3/4	600	5.18	4.86
578-PTD7	O	Screwdriver	3/16	3/4	700	5.18	4.86
578-PTD8	O	Screwdriver	3/16	3/4	800	5.18	4.86
578-PTH7	P	Screwdriver	1/32	5/8	700	4.99	4.68
578-PTK7	Q	Screwdriver	3/64	1	700	4.99	4.68
578-PTO7	R	L. Conical	1/32	1	700	4.99	4.68
578-PTO8	R	L. Conical	1/32	1	800	4.99	4.68
578-PTP7	S	Conical	1/32	5/8	700	4.99	4.68
578-PTP8	S	Conical	1/32	5/8	800	4.99	4.68
578-PTR7	T	N. Screwdriver	1/16	5/8	700	4.99	4.68
578-PTR8	T	N. Screwdriver	1/16	5/8	800	4.99	4.68
578-PTS7	R	L. Conical	1/64	1	700	4.99	4.68
578-PTS8	R	L. Conical	1/64	1	800	4.99	4.68

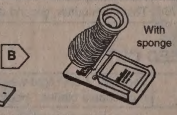
ST SERIES TIPS FOR WP25P AND WP35P SERIES IRONS

For quantities greater than listed, call for quote.

578-ST-1	U	Screwdriver	1/16	- -	- -	4.75	4.46
578-ST-3	V	Screwdriver	1/8	- -	- -	4.75	4.46

SOLDERING TOOL STANDS





(For 578-WP25 and 578-WP40 irons)

MOUSER STOCK NO.	Fig.	Price Each		
		1	6	12
578-PH25	A	13.38	12.54	Call
578-PH60	B	17.36	16.28	

REPLACEMENT SPONGE

(For 578-WTCPS and 578-PH60)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	10
578-EC205	1.64	1.47

ELECTRONIC TOOL KIT

NEW!
ELECTRONIC TOOL KIT

The perfect starter set for the technician and kit builder. It features 12 pieces with 8 of the finest most requested tools. Including 25 watt soldering iron, long nose pliers, diagonal stripper, and wire cutter.

MOUSER STOCK NO.	Price Each	
	1	6
578-250K	85.73	80.31

Soldering Tools

Weller P1 SERIES PORTASOL® CORDLESS SOLDERING TOOLS

Features:

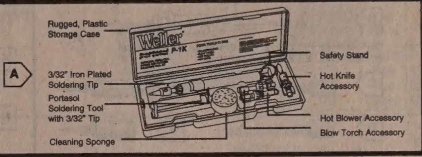
- Adjustable temperature control
- 60 watt equivalent (melts solder in less than 40 seconds)
- Up to 90 minutes continuous use fuel capacity
- Refills with butane lighter gas
- Safety cut off switch in cap
- Powerful safe flameless combustion

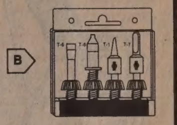
PORTASOL SOLDERING IRON KIT

MOUSER STOCK NO.	Fig	Kit Includes:	Price Each	
			1	6
578-P1KB	A	1 each: Portasol Iron, 3/32" iron plated solder tip, cleaning sponge, blow torch, hot blower and hot knife acces. Stored in a rugged plastic case.	55.81	50.13

PORTASOL TIP ACCESSORY KIT

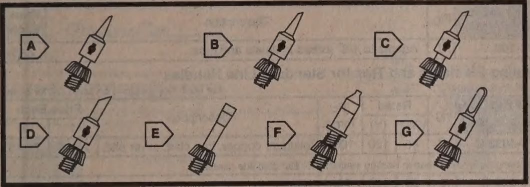
578-TB10	B	T1, T5, T6, and T7 in a durable case	35.85	32.21


A
Rugged, Plastic Storage Case
Weller
P-1K
3/32" Iron Plated Soldering Tip
Portasol Soldering Tool with 3/32" Tip
Cleaning Sponge
Safety Stand
Hot Knife Accessory
Hot Blower Accessory
Blow Torch Accessory



Weller PORTASOL ACCESSORIES

Soldering tips and heat tool accessories converts iron into 4 different tools: solder iron, blow torch, hot blower and hot knife.



Specifications:

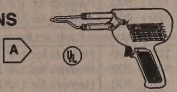
- T-1 to T-4 tips temperature range up to 850°F (450°C)
- T-5 blow torch temperature range up to 2372°F (1300°C)
- T-6 hot blower and T-7 hot knife temperature range up to 850°F (450°C)

MOUSER STOCK NO.	Fig	Description	Price Each			
			1	5	10	25
578-T1	A	1/32" tip	8.83	8.28	8.00	Call For Quote
578-T2	B	3/32" tip	8.83	8.28	8.00	
578-T3	C	1/8" tip	8.83	8.28	8.00	
578-T4	D	3/16" tip	8.83	8.28	8.00	
578-T5	E	Blow torch tip	8.83	8.28	8.00	
578-T6	F	Hot blower tip	8.83	8.28	8.00	
578-T7	G	Hot knife tip	8.83	8.28	8.00	

Weller SOLDERING GUNS

Features:

- 120V 60Hz AC only
- 2-wire cord.



Model D550 260/200 Watts

Soldering gun with highest output. Has balanced pistol grip design. Twin lights illuminate work. Heavy gauge, high-efficiency copper tip.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	6
578-D550	A	Trigger selection of heats	42.48	39.83

Model 8200 100/140 Watts

Has high efficiency soldering tip of pure pre-tinned copper. Pistol-grip design. "Soldering Tips" booklet included.

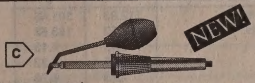
578-8200	B	Finger tip selection of high or low output	31.28	29.33

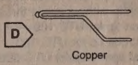
DS40 Desoldering / Repair Tool

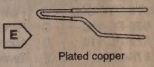
Features:

- Valuable repair tool for servicing printed circuit boards and solid state electronics
- Allows components to be removed and replaced quickly with less chance of heat damage
- Complete unit includes 50w tool, vacuum bulb, desoldering assembly with DST4 tiplet
- UL listed

578-DS40	C	Desoldering / repair tool	73.16	Call







Replacement Tips

MOUSER STOCK NO.	Fig.	For Model #	Package Contains	Price Each		
				1	24	50
578-7250	D	D550	2 tips	3.57	3.35	Call
578-8125	E	8200	2 tips	3.57	3.35	

Replacement Housing Sets

MOUSER STOCK NO.	Description	Price Each
578-8200RH	For 578-8200 soldering gun	8.85

Replacement Tips for Soldering Guns

Tin plated tips, made of copper

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	6	12
578-7135	D	Tip only-2 per card for 8200/9200K	3.57	3.35	Call

ISOTIP 7904 "POWER PRO" CORDLESS SOLDERING IRON

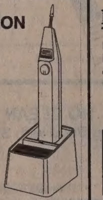
High capacity cordless soldering iron using the advanced high efficiency tips, provides up to 30 minutes of continuous soldering time from a fully charged iron, or, intermittently, over 200 solder joints.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	5
557-7904	54.95	52.20

Features:

- Complete recharge in 4 hours
- LED in recharge stand to indicate charging status
- Tip performance up to 900°F
- Easily replaceable battery, and worklight



ISOTIP 7700 CORDLESS SOLDERING IRON

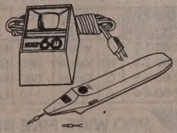
Recharges completely in 3 to 4 1/2 hours. A partially discharged battery returns to full capacity in 1 to 2 hours. Nickel cadmium battery withstands high-rate charging with out damage. Fully charged unit can make up to 125 electronic joints per charge. Cordless soldering iron, recharging stand with wall plug transformer, #7545 tip, #7546 tip, and instructions

QUICK CHARGE

MOUSER STOCK NO.	Price Each		
	1	5	10
557-7700	39.95	37.95	Call

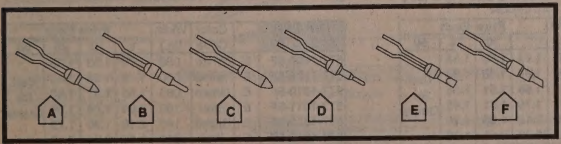
ISOTIP 7800 ISO TIP "60" CORDLESS SOLDERING IRON

Fastest charging cordless soldering iron on the market. Solders up to 125 electronic joints per charge. Recharges fully in 1 hour. Cordless soldering iron, recharging stand with wall plug transformer, #7577 tip, #7545 tip, and instructions.



MOUSER STOCK NO.	Price Each		
	1	5	10
557-7800	54.95	52.20	Call

ISOTIP WAHL HI-EFFICIENCY ISO-TIP SOLDERING TIPS

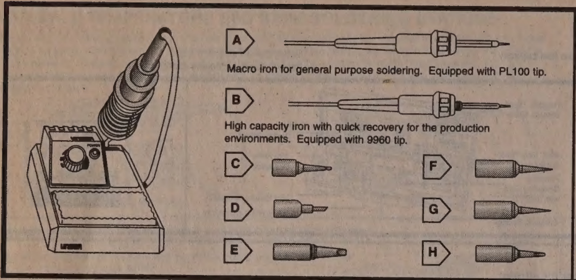


Features:

- All ISO-TIP replacement tips fit all ISO-TIP cordless irons
- Isolated tip, ground free, low voltage design eliminates electrical leaks and damage
- Unique snap-in design
- Requires less power to heat tip
- Intermittently 200 plus joints per charge

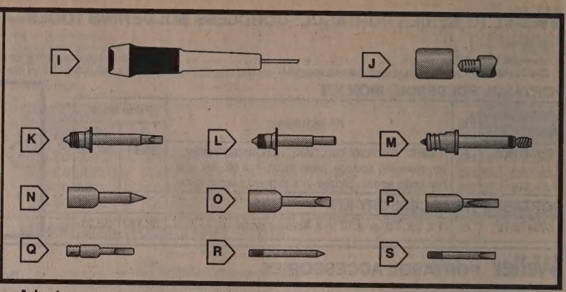
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	5	10	25
557-7535-100	A	Regular tip	4.25	4.04	3.84	Call For Quote
557-7545-100	B	Fine tip	4.25	4.04	3.84	
557-7546-100	C	Heavyduty tip	4.25	4.04	3.84	
557-7566-100	D	Micro tip	4.25	4.04	3.84	
557-7577-100	E	Chisel tip	4.25	4.04	3.84	
557-7579-100	F	Beveled tip	4.25	4.04	3.84	

Soldering Tools and Soldering Aids



A: Macro iron for general purpose soldering. Equipped with PL100 tip.

B: High capacity iron with quick recovery for the production environments. Equipped with 9960 tip.



UNGAR® SOLDERING TOOLS

Electronic Soldering System

Ungar temperature controlled (UTC) soldering systems combine accurate closed-loop temperature control with economy. Easily calibrated at the station without disassembly, the CMOS-safe unit is fully grounded from tip to plug and meets military and UL specifications.

MEETS MIL SPECS™

Specifications:

- Temperature stability at idle: ±10°F
- Ground tip resistance: <2 Ω
- Tip transients: <2mV RMS
- 3-wire ground, 120V-AC, 60Hz
- Dimensions: 8.75H x 4.0W x 6.5D

Features:

- Accurate electronic temperature control
- Selectable heat from 400°F to 800°F
- Long life ceramic heating elements
- Burn-resistant cord
- UL listed

UL E21922

MIL-STD-2000-1A
WS-6536D, and
MIL-S-45743E

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	6
578-UTC-100	A	Thread on tips with inside threads.	112.93	101.43
578-UTC-300	B	Push on tip without inside threads.	137.52	123.53
578-PL-100	C	Precision tip for UTC 100	4.40	4.13
578-PL-114	D	Micro spade tip for UTC 100	4.61	4.32
578-9960	E	Terminal spade tip for UTC 300	7.23	6.78
578-9975	F	Precision point tip for UTC 300	7.97	7.43
578-9976	G	Spade tip for UTC 300	7.23	6.78
578-9977	H	Screwdriver tip for UTC 300	6.96	6.53

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
578-UTC-234	-	Replacement sponge	2.54	2.36

Standard Line

Provides choice of handles and a selection of interchangeable heating elements and tips for combinations to match particular soldering requirements.

2-Wire cord UL

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	Price Each	
				1	10
578-7760	I	Red	6 foot cord with cool, soft touch acid and flux resistant grips.	12.53	11.75
578-7770	I	Blue		12.11	11.75

Adaptor (Fits 1/4" Thread-On Heating Elements)

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
578-100	J	Adapts to 1/8" thread-in tiplets and nibs	2.45

Heating Elements and Tips for Standard Line Handles

Chisel tip, long taper

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Rated		Tip Temp.	Description	Price Each	
		(W)	(V)			1	10
578-4033-S	K	45	120	1000	Tellurium copper, iron clad, silver pltd.	23.89	22.40

Interchangeable 1/8" thread-in heating elements for standard line handles

578-535-S	L	23	120	700	Heaters for 1/8" thread-in tips	17.25	16.17
578-1235-S	L	33	120	800	Heaters for 1/8" thread-in tips	17.25	16.17
578-4035-S	L	45	120	900	Heaters for 1/8" thread-in tips	19.41	18.20

Interchangeable 1/4" thread-on heating elements for standard line handles

578-537-S	M	23	120	700	Heaters for 1/4" thread-on tips	15.98	14.99
578-1237-S	M	33	120	800	Heaters for 1/4" thread-on tips	17.42	16.34
578-4037-S	M	45	120	900	Heaters for 1/4" thread-on tips	20.34	19.07

1/4" Thread-On Tips

For use on thread-on heating elements for use with standard line handles and soldering system UTC-100 (copper alloy, iron clad, silver plated.)

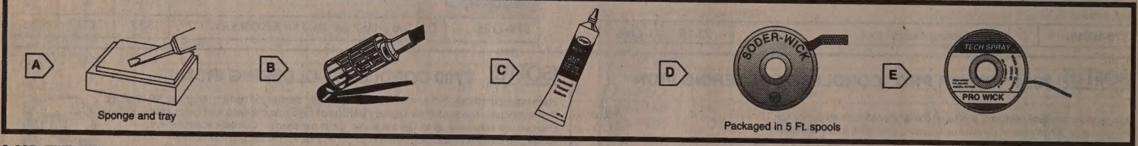
For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
578-PL-111	N	Pencil; 3/4" long, 1/8" dia.	4.14	3.89
578-PL-113	O	Chisel; 3/4" long, 1/8" dia.	4.14	3.89
578-PL-151	P	Screwdriver; 3/4" long, 1/8" dia.	4.85	4.55

1/8" Thread-In Tips

These 1/8" thread-in tips are for use with the 1/8" standard line thread-in heating elements. Also fit 1/4" standard line thread-on heating elements by means of adaptor no. 588-100. (Fig. J)

578-6961	Q	Screwdriver 1/2" (L) x 1/8" (D)	4.29	4.02
578-PL-331	R	Pencil 1" (L) x 1/8" (D)	3.31	3.11
578-PL-333	S	Micro-spade 1/2" (L) x 1/8" (D)	3.31	3.11



A: Sponge and tray

D, E: Packaged in 5 Ft. spools

UNGAR® SOLDERING AIDS

Kleen - Tip

A specially processed sponge for cleaning tips of oxidation and prevents contamination

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
578-400	A	Kleen-tip sponge and tray	7.68	6.42
578-455	-	Refill sponge	2.64	2.48

Soldering Tool Stand

- Attaches easily to work bench
- Protects operator from burns
- Prevents iron breakage

578-8000	B	Soldering tool stand	13.49	12.65

Anti-Seize

- Special lubricant for tip threads at high temperatures
- Reduces tip thread seizure

578-8001	C	1/2 oz. tube	4.27	4.01

SW SODER-WICK BRAND

"80 Series" Desoldering Fine-Braid with Static Dissipative Bobbin

Flux coated, meets MIL-F-14256 E type "R" requirements.

MOUSER STOCK NO.	Fig.	Color Code	Width (In.)	Application	Price Each	
					1	10
532-80-1-5	D	White	.030	Micro circuits	2.29	2.06
532-80-2-5	D	Yellow	.060	Small pads	2.29	2.06
532-80-3-5	D	Green	.080	Medium pads	2.29	2.06
532-80-4-5	D	Blue	.110	Large pads	2.29	2.06

SW SODER-WICK NO CLEAN

"60 Series" Desoldering Braid with Static Dissipative Bobbin

Features:

- Leaves no visible residue
- Eliminates cleaning
- 20% faster wicking than rosin coated braids

MOUSER STOCK NO.	Fig.	Color Code	Width (In.)	Application	Price Each	
					1	10
532-60-1-5	D	White	.030	Micro circuits	2.55	2.29
532-60-2-5	D	Yellow	.060	Small pads	2.55	2.29
532-60-3-5	D	Green	.080	Medium pads	2.55	2.29
532-60-4-5	D	Blue	.110	Large pads	2.55	2.29

TECH SPRAY PRO WICK FINE BRAID

Features:

- Pure copper fine braid design with pure white rosin flux
- Packaged in 5 ft. spools
- Meets MIL-F-142560D type R, NASA NHB 5300.4, NPC 200-4 and SP-5002

MOUSER STOCK NO.	Fig.	Color Code	Width (In.)	Price Each			
				1	10	25	50
577-1801-5F	E	White	.030	1.64	1.48	1.33	Call for Quote
577-1802-5F	E	Yellow	.060	1.64	1.48	1.33	
577-1803-5F	E	Green	.085	1.68	1.51	1.36	
577-1804-5F	E	Blue	.100	1.79	1.61	1.45	
577-1805-5F	E	Brown	.145	2.18	1.96	1.76	
577-1806-5F	E	Red	.210	2.33	2.10	1.89	

TECH SPRAY PRO WICK NO CLEAN FINE BRAID

NEW IN'95

Features:

- 100% copper coated with a pure water white rosin flux
- 5 ft. spools
- Meets MIL Spec MIL-F-142560D Type R, NASA, NHB5300.4, NPC200-4, SP5002

MOUSER STOCK NO.	Fig.	Color Code	Width (In.)	Price Each			
				1	100	500	1000
577-1814-5F	E	White	.030	2.14	1.93	1.73	Call for Quote
577-1815-5F	E	Yellow	.060	2.14	1.93	1.73	
577-1816-5F	E	Green	.085	2.19	1.97	1.77	
577-1817-5F	E	Blue	.100	2.34	2.11	1.90	
577-1818-5F	E	Brown	.145	2.85	2.57	2.31	
577-1819-5F	E	Red	.210	2.74	2.47	2.22	

TECH SPRAY PRO WICK FINE BRAID

With Static Dissipative Bobbin

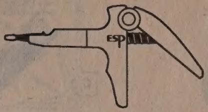
MOUSER STOCK NO.	Fig.	Color Code	Width (In.)	Price Each			
				1	10	25	50
577-1808-5F	E	White	.030	1.70	1.53	1.38	Call for Quote
577-1809-5F	E	Yellow	.060	1.70	1.53	1.38	
577-1810-5F	E	Green	.085	1.85	1.67	1.50	
577-1811-5F	E	Blue	.100	2.04	1.84	1.66	
577-1812-5F	E	Brown	.145	2.18	1.96	1.76	
577-1813-5F	E	Red	.210	2.49	2.24	2.12	

Soldering Aids

ESP solder plus DOT • MAKER SMD REPAIR KIT

With 1/2 gram color-coded caplettes of solder cream and paste flux. This repair kit provides what you need for SMD field, bench repairs, or prototype boards. The kit includes solder cream and paste flux in easy-to-use prefilled caplettes, unique hand dispenser, and vacuum pick-up tools. Caplettes include (6) each of Sn62, Sn63, Sn43, and RAM paste flux.

MOUSER STOCK NO.	Description	Price Each	
		1	5
587-0100	DOT • Maker Kit	86.90	79.00



Kit provides (18) caplettes solder paste, (6) caplettes paste flux, dispenser, (1) VAC tweezer™ with pick-up tips and clear pads, (1) molded case.

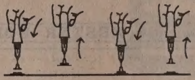
Replacement Caplettes

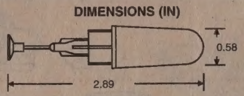
MOUSER STOCK NO.	Color Code	Type	Price Each		
			1	10	100
587-0104	White	Flux	1.80	1.20	1.15
587-0105	Pink	43Sn43Pb14Bi	1.80	1.20	1.15
587-0106	Red	62Sn36Pb2Ag	1.80	1.20	1.15
587-0107	Green	63Sn37Pb	1.80	1.20	1.15

ESP solder plus VAC TWEEZER™ PICK AND PLACE TOOL KIT

For handling small parts just squeeze the bulb, put the pad on the SMD and release

- Safe, no scratching, no damage
- Staticide treated
- See-through silicone pads withstand intermittent temperatures of 600°F





Provides (5) pad sizes: 0.140", to 0.400" (5) straight tips, (2) 45° angle tips, (1) clear plastic box

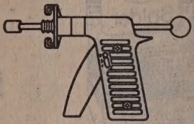
MOUSER STOCK NO.	Price Each	
	1	5
587-0101	19.25	17.50

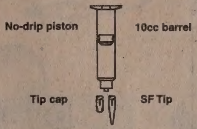
ESP solder plus *DispensGun™*

Features:

- 3:1 Mechanical leverage output
- Adjustable for normal or smaller size hands
- Automatic pull-back that prevents oozing
- Supplied with instructions and a molded, cushioned carrying case
- 10-year no-fault warranty

MOUSER STOCK NO.	Description	Price Each	
		1	5
587-0110	10cc Dispenser gun	141.00	132.00
587-0120	10cc Syringe component kit	9.19	8.35
587-0130	10cc Solder paste sample kit	75.00	67.50



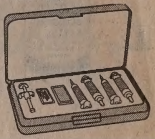


Syringe Components Kit:

Empty barrel sets for in-house filling. Each kit includes: (10) empty 10cc barrels; (10) no-drip pistons; (10) tip caps; (10) smooth flow dispensing tips.

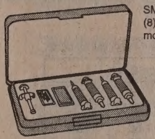
Solder Paste Sampler Kit:

Contains (4) solder paste alloys and (1) RMA paste flux in easy-to-use barrels. Contains: (1) each Sn60, Sn62, Sn63, Sn96 alloys with RMA flux, 35 grams per barrel; (1) 10 gram barrel of RMA paste flux; (10) smooth flow, molded dispensing tips; (1) HP™ hand dispenser, instruction sheet, and handy molded case.



ESP solder plus SMD REWORK KIT With new easy - to - use 5cc barrels of solder cream and paste flux.

The SMD Rework Kit includes everything you need to make repairs. The kit brings solder cream, paste, flux, manual dispense tools and vacuum pick-up tools in one kit. Available in three flux systems. Low residue **no-clean, water soluble,** and **rosin**. The alloy used in each kit is SN 62/36/2.



SMD Rework Kit provides (2) barrels solder paste, (2) barrels paste flux, HP™ dispenser, (8) no-scratch dispensing tips, (1)Vactweezer™ with pick-up tips and clear pads, (1) molded case.

Rework Kits

MOUSER STOCK NO.	Description	Price Each	
		1	5
587-0140	RMA rework kit	59.00	53.10
587-0150	Water soluble rework kit	59.00	53.10
587-0160	No - clean rework kit	59.00	53.10

Replacement Dispensing Tips

MOUSER STOCK NO.	Description	Price Each		
		1	25	100
587-0170	Smooth flow tips	.69	.49	.41

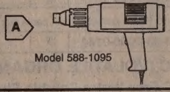
Replacement Barrels

MOUSER STOCK NO.	Description	Price Each	
		1	10
587-0141	62/36/2 RMA paste - 5cc	5.30	4.77
587-0151	62/36/2 WS paste - 5cc	5.30	4.77
587-0161	62/36/2 NC paste - 5cc	5.30	4.77
587-0142	RMA paste flux - 5cc	5.30	4.77
587-0152	WS paste flux - 5cc	5.30	4.77
587-0162	NC paste flux - 5cc	5.30	4.77

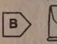
UNGAR HEAT GUN

Provides flameless heat for applying heat shrink tubing, curing epoxy, and many other applications. High and low temperature: 790°F-low, 1200°F-high, 1000W (max.), 120VAC, 60Hz, UL listed.

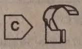
MOUSER STOCK NO.	Fig.	Price Each	
		1	6
578-1095	A	45.65	42.80



Model 588-1095



588-1080 Reducer
(Heat concentration)



588-1082 Reflector
(For heat shrink)

UL E21922

MOUSER STOCK NO.	Fig.	Price Each	
		1	10
578-1080	B	5.25	4.92
578-1082	C	5.25	4.92

PENCIL TYPE SOLDERING IRONS

For continuous use by industry and hobbyist.
Balanced handle with heat shield.

MOUSER STOCK NO.	Wattage (W)	Price Each	
		1	5
381-FS030	30	4.79	4.31

Specifications:

- UL listed
- 120VAC

Features:

- 5/32" dia. tip
- 5 1/2 foot cord
- Replaceable tip
- Light weight

Replacement tip for pencil type soldering iron

MOUSER STOCK NO.	Price Each		
	1	10	50
38FS031	.77	.66	Call

SOLDERING IRON HOLDER AND TIP CLEANER

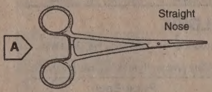
Features:

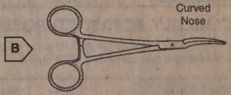
- Non-sliding cast iron base with sponge

MOUSER STOCK NO.	Price Each	
	1	10
382-ST-11	17.09	Call

Xcelite SEIZER CLAMPS

MOUSER STOCK NO.	Fig.	Lth (In.)	Description	Price Each	
				1	6
578-42HV	A	6	3-Position snap lock, serrated jaws and box-joint construction. Precision machined from perfectly tempered stainless steel.	10.96	10.28
578-43HV	B	6		11.39	10.68

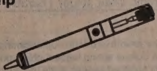




DESOLDERING TOOLS

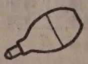
Anti-Static Desoldering Pump

- Rugged all-aluminum body
- Anti-static tip
- Disassembles easily for cleaning
- Dimensions: 7 5/8" (L) x 3/4" (Dia.)
- Replacement tip 384-1001



Desoldering Bulb

- Removes solder quickly with vacuum action

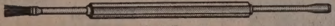


Desolder bulb illustrated with optional tip installed

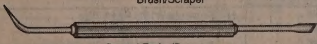
MOUSER STOCK NO.	Description	Price Each	
		1	5
384-1000	Anti-static desoldering pump	5.99	5.39
384-1001	Replacement anti-static tip	1.72	1.55
384-1002	Desoldering bulb w/o tip	2.50	2.25
384-1003	Replacement teflon tip for bulb	1.36	1.22

SOLDERING AID SET

Four piece set includes clip-on heat sink, brush/scraper, pointed/slotted probe, and curved probe/scraper.



Brush/Scraper



Curved Probe/Scraper

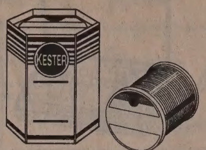
- Spring loaded
- Clip-on heat sink
- Aluminum
- 2 1/2" long

Pointed/Slotted Probe

MOUSER STOCK NO.	Description	Price Each	
		1	5
384-1017	Clip-on heat sink	.76	.57
384-1018	Soldering aid set	3.99	Call

Solder Products

THE SOLDER CONNECTION®



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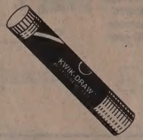

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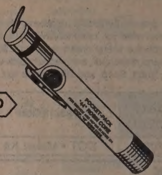

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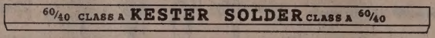
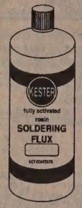


60/40 CLASS A KESTER SOLDER CLASS A 60/40

B



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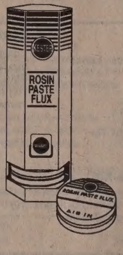

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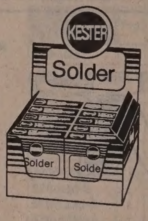

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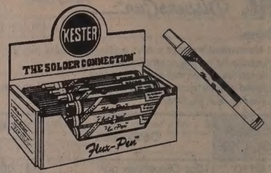


H

FLUX-CORE SOLDER

The Kester "44" rosin flux-core is non-corrosive

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Alloy (Sn/Pb) Tin/Lead	Weight (lb.)	Dia. (In.)	Price Each		
					1	10	25
533-24-6337-0010	A	63/37	1	.020	16.62	14.96	13.46
533-24-6337-27	A	63/37	1	.031	12.96	11.60	10.23
533-24-6337-39	A	63/37	1	.040	12.29	9.73	8.70
533-24-6337-61	A	63/37	1	.062	11.62	9.20	8.23
533-24-6040-18	A	60/40	1	.025	13.77	11.03	9.88
533-24-6040-27	A	60/40	1	.031	12.43	9.84	8.81
533-24-6040-39	A	60/40	1	.040	11.88	9.40	8.42
533-24-6040-53	A	60/40	1	.050	11.42	9.05	8.09
533-24-6040-61	A	60/40	1	.062	10.70	8.47	7.58
533-24-6040-66	A	60/40	1	.093	10.62	9.50	8.38
533-25-6040-0027	A	60/40	4	.031	49.68	39.33	35.19
533-26-6040-0061	A	60/40	5	.062	53.57	42.41	37.52

"331" WATER SOLUBLE CORE SOLDER

More effective and heat stable than rosin fluxes in soldering difficult metals. Residue can be completely removed with simple water rinse.

For quantities greater than listed, call for quote.

533-24-6337-6401	A	63/37	1	.020	16.62	14.96	13.46
533-24-6337-6403	A	63/37	1	.031	11.88	10.69	9.62

"245" NO CLEAN FLUX CORE SOLDER

Leaves a low amount of residue which is both visually negligible and electrically safe. Does not require cleaning, environmentally safe, and CFC solvents are not needed.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Alloy (Sn/Pb)	Weight (lb.)	Dia. (In.)	Price Each		
					1	10	25
533-24-6337-8807	A	63/37	1	.020	16.62	14.96	13.46
533-24-6337-8800	A	63/37	1	.031	11.88	10.69	9.62

"285" MILDLY ACTIVATED ROSIN CORE SOLDER

Conforms to type RMA of FED SPEC QQ-SS-571 and is on the qualified products list. "285" has high mobility and fast spreading action comparable to RA fluxes.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Alloy (Sn/Pb)	Weight (lb.)	Dia. (In.)	Price Each		
					1	10	25
533-24-6337-9700	A	63/37	1	.020	16.62	14.96	13.46
533-24-6337-9713	A	63/37	1	.031	11.88	10.69	9.62

SOLID WIRE SOLDER

For use with external flux.

For quantities greater than listed, call for quote.

533-14-6040-0125	A	60/40	1	.125	9.50	8.55	7.70

BAR SOLDER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Alloy (Sn/Pb)	Weight (lb.)	Price Each		
				1	10	25
533-04-6040-0000	B	60/40	1	6.74	6.07	5.46
533-04-6337-0000	B	63/37	1	7.00	6.30	5.67

KWIK-DRAW

Packaged conveniently for home or shop, "44" rosin flux-core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Alloy (Sn/Pb)	Diameter (In.)	Price Each
533-83-3000-0000	C	60/40	.050	1.45

POCKET-PAK

For service and repair in home or shop, "44" rosin flux-core

For quantities greater than listed, call for quote.

533-83-4000-0000	D	60/40	.031	1.20

TYPE 1544 RA LIQUID ROSIN FLUX *

*Ground shipping only
Plus UPS hazardous material charge

Fully activated non-corrosive

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
533-62-0000-1544	E	Liquid - 1 quart	11.48	9.97	8.36

Formula SP-44 activated rosin paste flux (non-corrosive)

For quantities greater than listed, call for quote.

533-83-0000-0144	F	Paste - 2 oz. tin	1.20	1.02	.92

VOC (VOLATILE ORGANIC COMPOUND) FREE FLUX

VOC Free Water Soluble Flux

NEW!

A water based halide (chloride) free liquid flux that combines moderate activity with environmental friendliness. It contains no alcohols which are photochemically reactive and been linked to global warming. The residue left after soldering must be cleaned with water.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	6	12
533-6286-1189	E	Liquid - 1 quart	32.00	24.48	Call

VOC Free No-Clean Flux

The way that all liquid fluxes will eventually evolve. It combines environmental friendliness with cost effective no-clean technology. It is a water based, halide free liquid flux that can be applied by dip, spray, wave or foam. Although thinning is not normally required, ordinary deionized water can be used. Patent Pending

533-6200-0970	E	Liquid - 1 quart	24.80	18.97	Call

TOOL KIT SIZE (1-OUNCE) PACKS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Alloy (Sn/Pb)	Dia. (In.)	Price Each		
					1	10	25
533-5055	G	Computer/electronic	60/40	.050	1.44	1.30	1.17
533-0415	G	Electronic silver solder	62/36/2 AG	.022	3.16	2.84	2.56

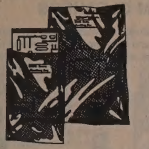
FLUX-PEN™

The Kester Flux-Pen™ is a unique tool for rework and touch-up soldering. It allows controlled application of flux eliminating the mess from flux bottles. A unique spring loaded, chisel point tip dispenses the right amount of flux. The chisel point allows work in very confined spaces while the spring valve prevents the flux inside of the pen from "drying out". Ideally suited for TAB assembly, "No-Clean" and surface mount rework applications because it can deliver flux only to specific areas.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Net Volume	Price Each	
				1	5
533-0186	H	Formula #186 RMA flux	.33 fl. oz.	3.48	3.13
533-0951	H	Formula #951 no clean	.33 fl. oz.	3.48	3.13
533-0450	H	Formula #450 organic acid water soluble	.33 fl. oz.	3.48	3.13

3M Static Control Products

A


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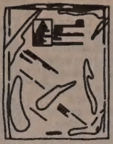

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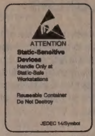

7101 / Reusable

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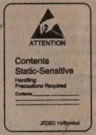

7102 / Destructible

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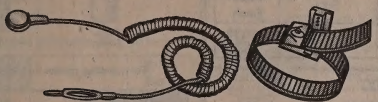

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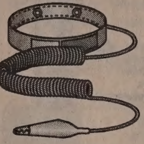

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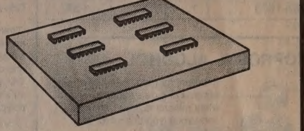

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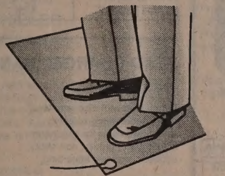

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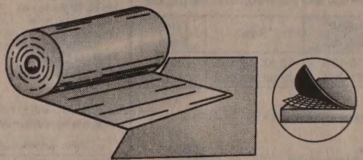

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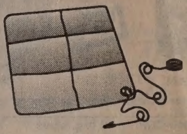


STATIC-SHIELDING BAGS

2100E Series

Embosses transparent high performance reusable static-shielding bags.

MOUSER STOCK NO.	Fig.	Description	Polyester Layer Thickness	Price Per Pkg.	
				1	5
517-2100E-35	A	3" x 5" pkg./100	0.92 mil.	18.58	17.42
517-2100E-46	A	4" x 6" pkg./100	0.92 mil.	24.21	22.70
517-2100E-68	A	6" x 8" pkg./100	0.92 mil.	41.28	38.70
517-2100E-1012	A	10" x 12" pkg./100	0.92 mil.	71.70	67.22
517-2100E-1014	A	10" x 14" pkg./100	0.92 mil.	84.85	79.55
517-2100E-1115	A	11" x 15" pkg./100	0.92 mil.	100.64	94.35
517-2100E-1218	A	12" x 18" pkg./100	0.92 mil.	122.00	114.44

1900 Series

A more economical static-shielding bag for less demanding applications.

MOUSER STOCK NO.	Fig.	Description	Polyester Layer Thickness	Price Per Pkg.	
				1	5
517-1900-35	B	3" x 5" pkg./100	0.48 mil.	12.75	11.96
517-1900-46	B	4" x 6" pkg./100	0.48 mil.	14.74	13.82
517-1900-68	B	6" x 8" pkg./100	0.48 mil.	22.40	21.00
517-1900-1012	B	10" x 12" pkg./100	0.48 mil.	43.14	40.44
517-1900-1014	B	10" x 14" pkg./100	0.48 mil.	47.41	44.45
517-1900-1115	B	11" x 15" pkg./100	0.48 mil.	54.27	50.88
517-1900-1218	B	12" x 18" pkg./100	0.48 mil.	69.54	65.19

ANTI-STATIC LABELS

Designed to alert personnel handling bags, boxes or other carriers that the contents are static-sensitive. Available in single use or reusable forms using the accepted industry static symbols: JEDEC-14

Size: 1 7/8" x 2 1/2"

MOUSER STOCK NO.	Fig.	Description	Labels Per Roll	Price Per Roll	
				1	5
517-7101	C	Reusable orange with black type (JEDEC-14 symbol)	500	15.62	14.57
517-7102	D	Destructible yellow with black type (JEDEC-14 symbol)	500	15.62	14.57

ADJUSTABLE WRIST STRAP WITH GROUNDING CORD

The wrist strap consists of a wrist band and a grounding cord. The molded cap on the grounding cord that snaps onto the wrist band contains a 1 megaohm resistor.

UL 74P7

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
517-2214	E	Adjustable band, 5' coiled cord	26.99	25.19
517-2204	E	Adjustable band only	11.12	10.37

MOUSER® WRIST STRAP

- One size fits all
- 1MΩ to ground

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	25	100
382-1500	F	Strap with 6ft. coiled cord and alligator clip	17.83	16.21	Call

VELOSTAT™ ELECTRICALLY CONDUCTIVE FOAM

Velostat 2803 has a density of approximately 3 lb./cubic feet and is primarily a cushioning foam, but can be used for pin insertion application with sturdier device leaks.

MOUSER STOCK NO.	Fig.	Size (In.)	Price Per Roll
517-2803-1/8	G	1/8 x 24 x 36	17.99
517-2803-1/4	G	1/4 x 24 x 36	31.56
517-2803-3/8	G	3/8 x 24 x 36	44.57
517-2803-1/2	G	1/2 x 24 x 36	63.20

VELOSTAT™ FLOOR MAT

A conductive floor mat removes static charge from personnel as they approach work areas. They provide significant passive protection in well-traveled assembly areas. Includes two female snaps (installed) and one 15' ground cord with a one megohm resistor.

MOUSER STOCK NO.	Fig.	Size (Ft.)	Thickness (In.)	Price Each
517-1864-46	H	4 x 6	1/8	205.00
517-1864-48	H	4 x 8	1/8	267.32

DISSIPATIVE THREE-LAYER TABLE MATS

3M 8210 series mats have a unique three-layer construction:

The top layer is durable static-dissipative vinyl which has low resistivity to discharge static-laden conductors, yet will prevent the shorting of pins on the backs of printed circuit boards laid on the mat.

The middle layer is a conductive scrim that provides discharge path to ground.

The bottom layer is static-dissipative foam, a durable, nonskid cushion.

Includes 2 female snaps (installed) and one 15' ground cord and ring connector

MOUSER STOCK NO.	Fig.	Color	Size (Ft.)	Price Each
517-8211	I	Brown	2 x 4	93.87
517-8214	I	Blue	2 x 4	93.87

STATIC-DISSIPATIVE FIELD SERVICE KIT

A specially designed static-dissipative workstation in a portable kit form for the electronic service technician in the field.

Features:

- Static-dissipative work surface with two pockets
- Ground cord assembly with alligator clip
- CHARGE-GUARD™ adjustable wrist band

MOUSER STOCK NO.	Fig.	Size	Price Each	
			(1-4)	(5-UP)
517-8501	J	.024" x 2' x 2'	59.90	55.90

Cleaners/Defluxers, and Static Control Products

TECHCLEAN™ CARD

A one time use, pre-saturated card. Removes dirt, magnetic oxides, and other contaminants from credit card readers, ATM/POS terminals, and other magnetic or photo card reading apparatus.

1 Card

For quantities greater than listed, call for quote.

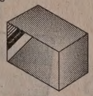
MOUSER STOCK NO.	Size	Price Each
577-1603	1 card	1.50

ISOPROPYL ALCOHOL

Excellent for tape head cleaning, removal of fluxes, light oils, and white mineral residue. 99% pure, anhydrous isopropanol for all purpose cleaning.

NEW IN'95

Wipes



Packets

For quantities greater than listed, call for quote.

577-1610-DSP	48 pkg. wipes	13.48
577-1610-50PK	50 pkg. packets	14.60

RUBBER REJUVENATOR / PLATEN CLEANER

NEW IN'95

Features:

- Non ozone depleting
- Natural solvent
- Pleasant odor

For quantities greater than listed, call for quote.

577-1612-DSP	48 pkg. wipes	14.49
577-1612-2SQ	2 oz. squeeze	4.28

ENVI-RO-TECH™ FINE-L-KOTE™ REMOVER

Removes most conformal coatings, including: acrylic, epoxy, urethane, and some silicones. It can also be used to remove enamels, paints, varnishes, and lacquers. Quickly removes tar, adhesives, crayon, rubber, and carbon.

1pt. Metal Container

For quantities greater than listed, call for quote.

577-1618P	1 pt. metal	16.60

ENVI-RO-TECH™ INERT DUSTING GAS

NEW IN'95

100% HFC's, no CFC's, no HCFC's

Formulated with HFC-134a. Removes particles without the use of harmful solvents. Zero ozone depletion factor. Removes microscopic contaminates, lint, dust, etc.

Aerosol

Spray Attach.

Aerosol Refill

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

577-1671-10S	10 oz. aerosol	9.62
577-1671-10RS	10 oz. aerosol refill	9.55
577-1671-10SK	10 oz. aerosol refill & spray attachment	17.71

ENVI-RO-TECH™ CLEANERS AND DEFLUXERS

EPA Regulations restrict the sale of these cleaners containing HCFC's to commercial users who can, in accordance with 40CFR82.68 (C) or 82.69 (C), provide a state sales tax exemption, or a federal employers identification number, or a local business license, or a government control number, as proof of their commercial status.

Heavy-Duty Cleaner

No CFC's
No1,1,1-Trichloroethane.
Contains HCFC's

Cleaning product for electronic and electrical equipment and metal parts. Used to penetrate and dissolve non-polar soils. This product is not recommended for acrylic, polystyrene, or polycarbonate materials.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1675-12S	12 oz. aerosol	9.95
577-1675-22S	22 oz. aerosol	14.37

Universal Cleaner

No CFC's
No 1,1,1-Trichloroethane.
Contains HCFC's

Fast acting and highly effective cleaner containing a blend of HCFC's. Safe for cleaning most electronic equipment removes oils, dirt, silicone, and similar soils.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1677-12	12 oz. aerosol	9.37
577-1677-22	22 oz. aerosol	13.23

General-Duty Defluxer

No CFC's, no 1,1,1-Trichloroethane. Contains HCFC's

For RA, RMA, and SA type fluxes. Can be used as an all purpose cleaner to remove light oils, silicones, and similar contaminants.

Aerosol

1 gal. Glass Container

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1676-12S	12 oz. aerosol	11.07
577-1676-G	1 gal. glass	71.86

Light-Duty Defluxer

No CFC's
No 1,1,1-Trichloroethane.
Contains HCFC's

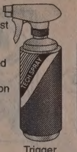
Drying agent for water, and removes light oils, soils, water stains, mineral traces, and white residue. For Type R and water soluble fluxes.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1678-12S	12 oz. aerosol	9.37
577-1678-22S	22 oz. aerosol	9.51

SMT STENCIL CLEANER

A hydro carbon-base, non-ozone depleting. Cleans most wet or dried thick film and solder paste compositions. SMT Wipes are manufactured with polyurethane materials, using a fiber-free configuration that will not leave wipe particles behind on stencils and other screening parts. Wipes are 9" x 9" and 1/16" thick.



Trigger

Wipes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1693PT	1 pt.	12.18
577-1693DSP	48 ea.	15.71

AXAREL® 2200

Defluxer/Degreaser

Removes many types of oils ranging from lubrication fluids, and cutting oils to rosin based fluxes.

Features:

- Non ozone depleting

Aerosol

Trigger

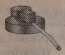
*Must be used with 577-1991 Multi-directional Brush Attachment.

For quantities greater than listed, call for quote.

*577-1694-10S	10 oz	10.62
577-1694-PT	1 pint	12.18

MULTI-DIRECTIONAL BRUSH ATTACHMENT

Used with Axarel® 2200 aerosol. Reduces amount of solvent being used. Applications include board cleaning after rework and precision metal degreasing.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
577-1991	For spot cleaning	15.67

ZERO CHARGE™ STATIC CONTROL CLEANERS

Mat and Table Top

Removes insulating contaminants such as flux residues, oils, greases, nicotine, dirt, and grime. Eliminates charge and prevents static charge build-up.

Finger Pump

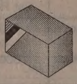
Trigger

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1733-2FP	2 oz.	5.27
577-1733-PT	1 pt.	8.03

Screen and Keyboard

Removes hand oils, ink marks, dust, fingerprints, nicotine, syrup, carbon, and other soils from work areas. Safe on most plastics.



For quantities greater than listed, call for quote.

577-1743-50PK	50 pkg.	15.69

Clean-Room 209

Non-ionic clean-room cleaner that meets federal specification 209 for class 100 and lower. Product cleans and eliminates static charge from sensitive surfaces.

Finger Pump

Trigger

For quantities greater than listed, call for quote.

577-1744-2FP	2 oz.	5.29
577-1744-PT	1 pt.	9.92

ETC. STATIC CONTROL FOAM CLEANERS

High foaming action cleans contaminants from glass, plastic, and metal enclosures, without harmful abrasives while providing light static control.

Finger Pump

Trigger

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1742-2FP	2 oz.	5.27
577-1742-PT	1 pt.	9.73

ZERO CHARGE™ HAND LOTION

Formulated with aloe vera for a deep, penetrating, soothing action. Contains no silicone or lanolin. Non-greasy, non-sticky, odorless, and fast absorbing.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1702-2SQ	2 oz.	2.82
577-1702-8FP	8 oz.	4.25

ZERO CHARGE™ ANTI-STAT

Eliminates static charge and reduces triboelectric generation from most surfaces. Recommended for applications that experience flexing and movement and for plastics such as polyethylene, polypropylene, and other similar surfaces.

Finger Pump

Trigger

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1726-2FP	2 oz.	5.46
577-1726-PT	1 pt.	9.36

ZERO CHARGE™ STATIC DISSIPATIVE TREATMENT P

Eliminates static charge and reduces triboelectric generation. Protects up to five times longer than conventional anti-static agents. Should be used on porous surfaces such as corrugated paper, carpets, and other similar materials.

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1734-PT	1 pt.	10.11

Static Control, Coatings, Equipment, and Specialty Products

ENVI-RO-TECH™ ANTI-STATIC FREEZER

100% HFC's, no CFC's, no HCFC's

A rapidly evaporating HFC-134a product that contains an anti-static agent. Zero ozone depletion factor. Used as a trouble shooting aid in static sensitive areas for intermittently faulting capacitors, resistors, semiconductors, and other defective components. Also detects cold solder joints and oxidized junctions.

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1747-10S	10 oz.	10.34

ENVI-RO-TECH™ CIRCUIT CHILLER

100% HFC's, no CFC's, no HCFC's

A HFC-134a based, rapidly evaporating liquid that chills to minus 62°F. Zero ozone depletion factor. Used as a trouble shooting aid for intermittently faulting capacitors, resistors, semi-conductors, and other defective components. Also detects cold solder joints, cracks in PCB's, and oxidized junctions.

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1672-10S	10 oz.	10.16

SOLDER FAULT MARKER

Quick drying, non-stringing, and removable with water or Envi-Ro-Tech™ solvents.

Reduced to Move!

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Price Each
577-1850-R	Red	4.88
577-1850-Y	Yellow	4.88

TRANSISTOR SILICONE GREASE

Used to coat the bases of power transistors as they are connected to heat sinks. Heat conductive grease will draw heat away from the transistor allowing it to run cooler.

TRANSISTOR SILICONE GREASE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1977	1 oz.	5.53

SILICONE FREE, HEAT SINK COMPOUND

A silicone-free compound applied under power transistors and other devices that generate heat to assist in transferring heat from generating objects to metal chassis for dissipation. Temperature range from -40°C to +200°C.

HEAT SINK COMPOUND

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-1978	2 oz.	8.84

PROTECTIVE COATINGS

Fine-L-Kote™ SR

Flexibility allows for vibration, movement, and rapid changes in temperature. Offers chemical resistance and is recommended for harsh environments. Can be reworked by applying soldering iron, or complete removal by using the Fine-L-Kote™ remover (577-1618).

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-2102-12S	12 oz.	15.71

Fine-L-Kote™ AR

Provides insulation against high voltage arcing and corona shorts. Product offers limited resistance to common alcohols, ketones, and esters.

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

577-2103-12S	12 oz.	13.03

Fine-L-Kote™ UR

Urethane conformal coating. Highly resistant to most solvents, moisture, and fungus. Can be reworked by applying soldering iron, or complete removal using Fine-L-Kote™ remover (577-1618).

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

577-2104-12S	12 oz.	14.19

Fine-L-Kote™ HT

A silicone resin, conformal coating exhibiting excellent adhesion properties. Fine-L-Kote™ HT coating offers complete versatility. Removal can be accomplished with Fine-L-Kote™ Remover (577-1618).

Plus $7.00 UPS hazardous material charge per carton.

For quantities greater than listed, call for quote.

577-2106-12S	12 oz.	13.83

PL PENETRATING LUBRICANT

Loosens and removes rusted nuts, screws, bolts, and studs. Product also removes dirt, grease, tar, gum, and mud while leaving a coating that lubricates and protects against subsequent corrosion.

MOUSER STOCK NO.	Size	Price Each
577-2408-12S	1 oz.	9.19

CLEANER-LUBRICANT (KLEEN-IT)

No CFC's, Contains HCFC's

Quickly penetrates and flushes away grease, dirt, oil, dust, and oxidized surface metals leaving a thin protective coating of silicone to lubricate and protect.

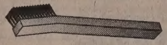
577-2410-12S	12 oz.	10.62

GENERAL CLEANING BRUSHES

Dimensions (In.)				
MOUSER STOCK NO.	Bristle			Handle Length
	L	W	T	
577-2020	1 3/8	5/16	5/16	7 3/4
577-2021	1 3/8	5/16	5/16	7 3/4
577-2028	1 3/8	5/16	5/16	7 3/4
577-2025	1 3/8	5/16	5/16	7 3/4
577-2023	1 1/4	5/16	1	7 3/16
577-2022	2 1/4	1	3/4	8 3/8
577-2026	5	1/2	3/4	10 3/16

TECHBRUSH™ Wood Handle

- Non-static-generating bristles



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bristle Material	Price Each
577-2020	Horse hair	2.00
577-2021	Hog bristle	2.86
577-2028	.006" stainless steel	3.44
577-2025	.003" brass	6.03
577-2022	Hog bristle	5.83
577-2026	Horse hair	8.62

TECHBRUSH™ Polypropylene Handle

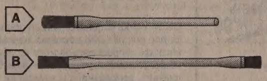
For quantities greater than listed, call for quote.

577-2023	Horse hair	3.01

TECHNICAL CLEANING BRUSHES

Dimensions (In.)				
MOUSER STOCK NO.	Bristle			Handle Length
	L	W	T	
577-2030	1/16	1/8	1/8	3 1/2
577-2031	1/8	5/16	1/2 & 1/4	4 1/2
577-2032	1/4	1/2	1/2 & 3/16	4 1/2
577-2033	1/4	1/2	3/4	4 1/2

TECHBRUSH™ Stainless Steel Handle



- Non-static-generating bristles
- For cleaning printed circuit boards & SMD assemblies

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Bristle Material	Price Each
577-2030	A	Goat hair	4.87
577-2031	B	Horse hair	5.21

TECHBRUSH™ CAD Plated Steel Handle

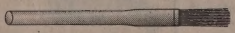
For quantities greater than listed, call for quote.

577-2032	B	Horse hair	4.92
577-2033	A	Horse hair	3.86

ACID CLEANING BRUSH

Dimensions (In.)				
MOUSER STOCK NO.	Bristle			Handle Length
	L	W	T	
577-2000	3/4	3/8	1/8	5 1/4

- Handle material: rolled tin plate
- Disposable cleaning brush
- For use in cleaning with solvents



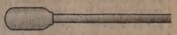
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bristle Material	Price Each
577-2000	Horse hair	.33

TECHSWABS™

Heat sealed on to handles to avoid the contamination residues of adhesives. Handle materials chosen for their flexibility and durability. Packaged in a cleanroom in static dissipative resealable bags that control both ESD and contamination.

Foam Tips

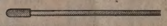


- Anti-static
- Sold in bags of 50 pcs.
- Handle material: polypropylene

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Tip Width (In.)	Handle Length (In.)	Price Each
577-2302	7/16	6	9.82
577-2303	1/4	6	9.82
577-2304	3/16	6	13.37
577-2305	1/8	6	13.64
577-2306	1/2	5	10.30
577-2307	3/16	4	16.81

Polyester Tips



- Anti-static
- Sold in bags of 50 pieces
- Handle material: polypropylene

For quantities greater than listed, call for quote.

577-2309	1/4	6	17.83
577-2310	1/4	3	17.83

- Handle material: delrin
- Sold in bags of 50 pieces

Reduced to Move!

For quantities greater than listed, call for quote.

577-2311	1/8	3	14.74
577-2312	1/16	3	20.24

TECHCLEAN™ WIPES

- Sold in package of 100 pieces

TECHCLEANER WIPER
100% COTTON WEAVE TWILL WIPES

TECHCLEAN™ Wiper

- Hydroentangled cellulose / polyester wipe

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-2350	9 x 9	15.06

TECHCLEAN™ Twillwipe

- Sold in package of 100 pieces
- Hydroentangled cellulose / polyester wipe

577-2357	6 x 6	15.35

TECH HOLD™ ADHESIVES

General Purpose

Single component cyanoacrylate adhesive that exhibits high strength, fast bonding, and high impact holding. Having a medium viscosity, flows into small openings (up to .004 inches).

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each
577-2503	3 gram	1.70

UVA Wire Tack

Provides rapid cure under UV-A light. For structural wire tacks of printed circuit boards. May be peeled off by softening product with alcohols or acetone.

For quantities greater than listed, call for quote.

577-2506-5CC	5CC	5.29

UVA Structure Bond

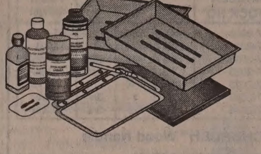
Cured by exposure to UV-A light or temperatures above 93°C/200°F. Potting depths up to 1/4" will cure in less than one minute while thin bond lines cure in seconds.

For quantities greater than listed, call for quote.

577-2505-5CC	5CC	5.12

PCB Design, Etching and Repair Products

PRINTED CIRCUIT MATERIALS



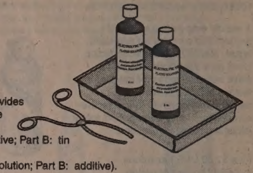
Kit Contains:
- 1 PC contact frame
- 1 pre-sensitized PC board (6" x 6")
- 1 pre-sensitized PC board (3" x 4")
- 2 pre-sensitized PC boards (4" x 6")
- 2 mylar sheets (8-1/2" x 11")
- 1 etch resist ink pen
- 2 PC board drill bits
- 1 plastic etching tray (5-1/4" x 7-1/4")
- 1 plastic developing tray (5-1/4" x 7-1/4")
- 6 oz. PC board etching solution
- 2 oz. positive developer concentrate
- 1/2 oz. etch resist lacquer
- 2 oz. PC board stripping solution

Includes all the essential materials for making professional printing circuit boards using positive method. Light source not included. The pre-sensitized PC boards are single sided copper clad.
Note: Kit shipped in two boxes (Part A: kit with paint bi-products; Part B: etching solution).
UPS requires a hazardous material surcharge for Part B.

Plus $7.00 per carton UPS hazardous material charge

MOUSER STOCK NO.	Description	Price Each
524-22-312	Deluxe positive method printed circuit kit	51.55

IMMERSION ELECTROLESS TIN PLATING KIT



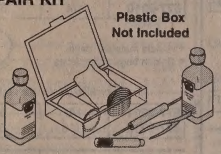
Kit Contains:
- 1 pair of forceps
- 1 plastic immersion tray (5-1/2" x 12")
- 2 bottles electroless tin plated solution (6 oz. each)

Tin plate copper PC boards in as little as five minutes. Kit provides excellent solderability and protection from oxidation. Complete instructions provided.
Note: Kit shipped in two boxes (Part A: kit with tin plate additive; Part B: tin plate solution).
P/N 524-22-228 also shipped in two boxes (Part A: tin plate solution; Part B: additive).
UPS requires a hazardous material surcharge for the box containing tin plate additive.

Note: Each bottle of tin plating solution is mixed with a separate vial of tin plate solution additive (included with each 6 oz. bottle)

MOUSER STOCK NO.	Description	Price Each
524-22-314	Complete kit	11.15
524-22-228	6 oz. solution and additive only	4.22

SMALL PRINTED CIRCUIT REPAIR KIT



Kit Contains:
- 1 solder aid tool (probe)
- 1 low-melt solder
- 1 PC repair foil
- 1 brush
- 1 pair of tweezers
- 2 oz. Print-Kote
- 2 oz. Print-Kote solvent
- Assorted solder washers (fluxed)

MOUSER STOCK NO.	Description	Price Each
524-682	Small printed circuit repair kit	21.03

POSITIVE TYPE DEVELOPER CONCENTRATE

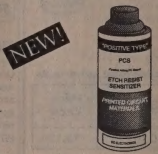
For developing photo sensitized PC boards coated or pre-coated with positive type etch resist. To be diluted with 3 parts water to 1 part developer.

Plus $7.00 per carton UPS hazardous material charge

MOUSER STOCK NO.	Description	Price Each
524-22-226	6 fluid oz. positive type developer concentrate	5.41

PCS POSITIVE-ACTING ETCH RESIST SENSITIZER

An excellent PC board-making system for the prototype engineer to produce today's high density, fine-line circuit boards. Easy aerosol application covers 5 to 7 square feet.

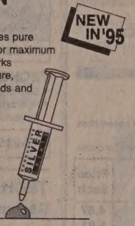


2.68 oz.

Plus $7.00 per carton UPS hazardous material charge

MOUSER STOCK NO.	Description	Price Each	
		1	6
524-22-074	Etch resist sensitizer	11.15	Call

circuit™ works CONDUCTIVE SILVER LUBRICATION



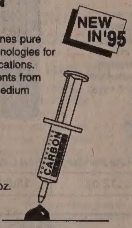
Circuit Works conductive silver grease combines pure silver with advanced lubrication technologies for maximum electrical and thermal conductivity. Circuit Works silver grease protects components from moisture, corrosion and is suitable for low to medium loads and speeds.

- Electronic
- Design
- Prototype
- Repair

Net Weight: .23 oz.

MOUSER STOCK NO.	Price Each	
	1	5
5168-7100	11.95	10.76

circuit™ works CONDUCTIVE CARBON LUBRICATION



Circuit Works conductive carbon grease combines pure carbon graphite with advanced lubrication technologies for electrical conductivity adequate for many applications. Circuit Works carbon grease protects components from moisture, corrosion and is suitable for low to medium loads and speeds.

- Electronic
- Design
- Prototype
- Repair

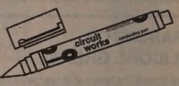
Net Weight: .12 oz.

MOUSER STOCK NO.	Price Each	
	1	5
5168-7200	7.95	7.16

circuit™ works CONDUCTIVE PEN

Features:
- Use where conductive electronic traces are needed for designing prototype circuits
- Pen tip redesigned to draw more narrow traces
- Offers improved conductivity, better trace adhesion, and a reduced setting in the pen
- Dries in 3-5 minutes at room temperature
- Spring loaded tip for smooth flow

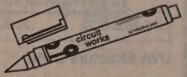
New
Micro Tip For
Thinner Trace



MOUSER STOCK NO.	Price Each	
	1	5
5168-2200	10.95	9.95

circuit™ works OVERCOAT PEN

Features:
- A tough coating to protect and insulate components, braces, and repairs on circuit boards
- Dries in minutes at room temperature
- Can be applied over traces made by the conductive pen to protect and insulate trace
- When used to repair solder masks, improves the reliability and safety of circuit board modification

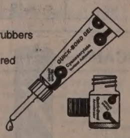


MOUSER STOCK NO.	Color	Price Each	
		1	5
5168-3300C	Clear	9.95	8.93
5168-3300G	Green	9.95	8.93

circuit™ works QUICK-BOND GEL AND ACCELERATOR

A nonmigrating cyanoacrylate gel that provides superior bond strength. Accelerator can be brushed on, or applied directly over the gel, for reliable, instant bonding.

Features:
- Strong, super tough, instant bonding
- Gel formula stays in place and fills gaps
- Bonds most materials, including plastics, rubbers and metals
- Use where strong, instant bonds are required

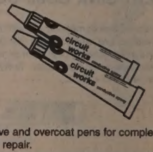


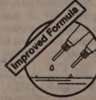
MOUSER STOCK NO.	Price Each	
	1	5
5168-4300	6.95	6.26

circuit™ works SILVER EPOXY KIT

Use this two part epoxy for quick connections and bonding in electronic design, prototype and repair projects. Bonds to a variety of materials including solder, mylar, glass and copper. Kit contains (part "A") epoxy, (part "B") hardener, reusable stir/applicator, and instructions. Tube size .25 oz.

Features:
- Solderless electronic connections
- Quick no or low heat cure
- Strong electronic component bonding
- Maximum conductivity
- Shelf life: 12 months





Use with the conductive and overcoat pens for complete design, prototype and repair.

MOUSER STOCK NO.	Price Each	
	1	5
5168-2400	14.95	13.46

PC Boards and Tools

COPPER CLAD BOARD

CEM-1
Composite

An economical laminate with all the best properties of paper and glass. Suited for applications requiring high strength at a lower cost than all glass. Copper clad one side only.

UL 94V-0

MOUSER STOCK NO.	Board Size (In.)	Price Each
501-PC3x3	3 x 3	.55
501-PC4x6	4 x 6	.93
501-PC8x10	8 x 10	5.04
501-PC12x12	12 x 12	5.58

LIQUID ETCHANT

Ferric Chloride one of the most widely used liquid etchants for PC board production. Fast acting, very effective and economically priced. .42° baume. Shipping weight per gallon 15 pounds.

MOUSER STOCK NO.	Price Each Gallon
5161-FECL-B	18.99

Plus UPS hazardous material charge of $7.00 per shipping carton (This chemical is shipped 1 gallon per carton.)

DRY ETCHANT

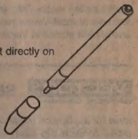
Ammonium Persulphate ideal fast acting powder etchant that you mix with water prior to use. Economical, fast and effective. Mix ratio: 1 pound of the ammonium persulphate powder to a gallon of water.

MOUSER STOCK NO.	Price Each Pound	
	1 to 9 Lbs.	10+ Lbs.
5161-APS-B	4.94	3.79

Plus UPS hazardous material charge of $7.00 per shipping carton (Maximum quantity carton 30 pounds.)

ETCH RESIST INK PEN

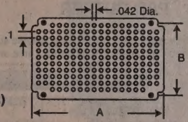
Features:
- Black resist ink
- Fine point
- Felt tip deposits resist directly on copper-clad boards
- Dries instantly



MOUSER STOCK NO.	Price Each
524-22-220	1.91

PRE-PUNCHED COPPER CLAD PC BOARDS

Features:
- Copper-clad one side
- Pre-patterned "pad-per-hole" design
- .042" diameter holes with 0.1" spacing between holes

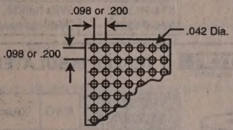


DIMENSIONS (IN.)

MOUSER STOCK NO.	Dimensions (In.)		Fits Cases	Price Each				
	A	B		1	10	25	50	100
400-9032	2.44	1.46	400-5032 and 400-6032	2.59	2.16	1.87	1.79	Call For Quote
400-9043	3.03	1.85	400-5043 and 400-6043	3.46	2.89	2.62	2.39	
400-9053	3.86	2.40	400-5053 and 400-6053	4.55	3.79	3.44	3.13	
400-9064	4.96	2.99	400-5064 and 400-6064	6.28	5.23	4.76	4.32	

PROTOTYPING GRID BOARDS

Features:
- Pre-punched
- 0.42" hole diameters
- 1/16 (.06) thickness
- High quality



DIMENSIONS (IN.)

2.5mm/.098" Grid Spacing

MOUSER STOCK NO.	Width (In.)	Length (In.)	Copperclad	Price Each			
				1	10	50	100
153-1108	5.91	7.87	None	8.72	7.26	6.60	Call For Quote
153-1112	5.91	11.81	None	11.68	9.73	8.85	
153-1120	5.91	19.69	None	17.51	15.92	14.47	
153-1220	5.91	19.69	1 Side	29.28	26.62	24.20	

.200" Grid Spacing

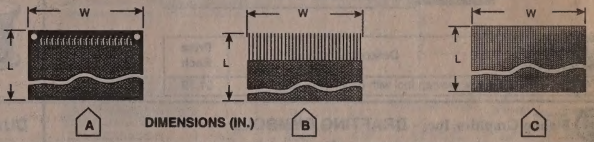
MOUSER STOCK NO.	Width (In.)	Length (In.)	Copperclad	Price Each			
				1	10	50	100
153-1122	5.91	19.69	None	17.51	15.92	14.47	Call
153-1119	1.97	19.69	None	7.63	6.95	6.32	

PLUG BOARDS

Features:
- Available in Y matrix or "pad-per-hole" design
- For edge card, eurocard or plan
- Copper-clad one side
- .100" grid spacing
- 0.42" hole diameters
- 1/16 (.06) thickness
- High quality epoxy paper
- 37 hole wide

Type AA

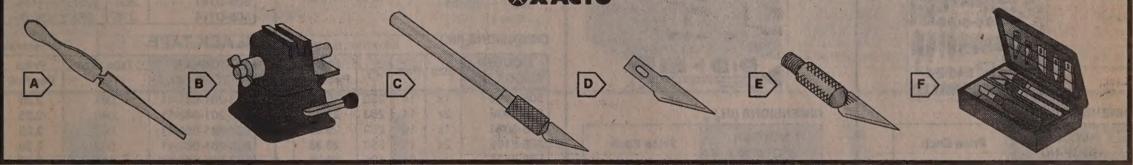
Type BB



DIMENSIONS (IN.)

MOUSER STOCK NO.	Fig.	Description	Type	Width (In.)	Lth. (In.)	Price Each			
						1	10	50	100
153-1307	A	Pad-per-hole, for 32 pin eurocard	AA	3.94	6.29	11.40	10.37	9.42	Call For Quote
153-1309	B	Pad-per-hole, .100 card edge fingers	AA	3.94	6.29	11.40	10.37	9.42	
153-1318	C	Y matrix with continuous holes	BB	3.94	6.29	10.99	9.99	9.09	
153-1322	C	Y matrix with continuous holes	BB	3.94	19.69	26.60	24.18	21.99	

X-ACTO



6 1/2" LONG TWEEZER

MOUSER STOCK NO.	Fig.	Description	Price Each
590-7338	A	Nickel plated steel, self closing and blunt serrated points	4.04

MINI VACU-VISE

590-7370	B	Holds tight instantly on nonporous surfaces, glass, metal formica, etc. No screws, just flip the lever!	8.09

KNIFE

MOUSER STOCK NO.	Fig.	Description	Price Each
590-3001	C	5" long knife with aluminum handle	2.51

BLADES

MOUSER STOCK NO.	Fig.	Description	Price Each
590-11	D	No. 11 blade, package of 5	1.70

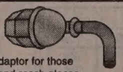
HOT KNIFE

590-6278	E	Has threaded end that screws into Weller marksman soldering iron 578-SP23 and cuts through plastics rapidly and accurately.	3.14

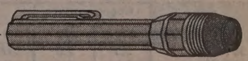
KNIFE ASSORTMENT KIT

MOUSER STOCK NO.	Fig.	Description	Price Each
590-5082	F	Comes complete with fitted chest and #1, 2, and 5 knives plus 10 assorted extra blades	17.96

GREENLEE® SUBMERSIBLE POCKET LIGHT



Inspection adaptor for those hard to see and reach places



Pocket flashlight

Features:
- Dimension: 4.75" x .6250"
- Watertight to 2,000 feet
- Focused beam (Xenon lamp module)
- 400% brighter than ordinary pocket lights
- Complete with inspection adaptor, shirt clip and 2 AAA batteries
- Made in USA
- Lifetime guarantee
- Color: yellow

MOUSER STOCK NO.	Description	Price Each
586-37371	Pocket flashlight	10.95
586-37353	Replacement lamp	4.12

PCB Accessories

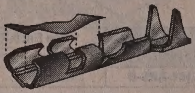
VECTOR ELECTRONIC COMPANY SOLDER WASHERS KIT

Multi-function washer kits with three sizes of washers. Different sizes provided to fit over sockets and tails of most Vector socket pins and wiring terminals. Ideal tools for committing pins to voltage and ground planes in Vector patterns that have clearance area isolating holes from planes.

MOUSER STOCK NO.	Contains	Package Quantity	Price Each
574-T124/M	500 each: .058", and .078" 100 each: .040" I.D.	1100	101.53

VECTOR ELECTRONIC COMPANY SLIP-ON CONTACTS

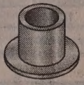
Ideal for application requiring quick test and changes. Tin plated contacts clip easily on to .025" square post or pins. Contacts are installed on wire reels, spaced 5" apart.



MOUSER STOCK NO.	Description	Price Each
574-T120-1/250	T120-1 slip-on contact, reel of 250	388.41

VECTOR ELECTRONIC COMPANY SOLDER EYELETS

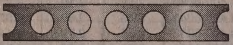
Used to commit holes to power and ground planes for printed circuit boards with clearance areas isolating holes from planes. Simulates plated-thru holes. Reduces diameter of .055" holes to .042". Can be used in I/O connector area on many Vectorbord prototyping boards.



MOUSER STOCK NO.	Description	Package Quantity	Price Each
574-T123/500	Solder eyelets for .055" holes	500	23.98

VECTOR ELECTRONIC COMPANY BUS STRIPS

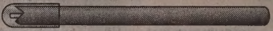
Solder-coated strips, .08" wide, with .042" diameter holes spaces on .10" centers. Compatible with most Vectorbord® hole patterns. Can be mounted on circuit board as bus lines.



MOUSER STOCK NO.	Description	Package Quantity	Price Each
574-T107/C	.08" (W) x 14" (L) solder-coated	100	68.09

VECTOR ELECTRONIC COMPANY PAD CUTTER

Pad cutters provide an effective method for creating isolated solder pads around holes in copper clad boards. Pilot pin enters hole and rotated, creating a clearanced area around solder pad.



MOUSER STOCK NO.	Description	Price Each
574-P138A	With handle, for pattern P, .042" holes	15.51
574-P138C	With out handle, for pattern P, .042" holes	13.20

VECTOR ELECTRONIC COMPANY WIRE-WRAP UNWRAP TOOL

MOUSER STOCK NO.	Description	Price Each
574-P160-1B	Manual unwrap tool with bit for W28 wire	31.79

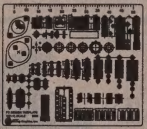
VECTOR ELECTRONIC COMPANY TEFZEL INSULATED SILVER PLATED WIRE

MOUSER STOCK NO.	AWG	Color	Ft. Per Spool	Spools Per Package	Price Per Pkg.
574-W28-6A	28	Green	50	2	12.76
574-W28-6B	28	Red	50	2	13.86
574-W28-6E	28	White	50	2	14.08
574-W28-6F	28	Yellow	50	2	13.20
574-W28-6H	28	Black	50	2	14.30

The Innovators Bishop Graphics, Inc. DRAFTING SYMBOLS

PC Design Template 1X

Contains 9 axial lead and 7 radial lead components, 5 transistor and 7 potentiometer outlines; various lead patterns on .200, .230, & .400 centers, flat pack and dip outlines; .100, .125, .156 spaced connector strip patterns; 5 scale size: 5 x 6 x .030 thick. Pencil allowance: .025

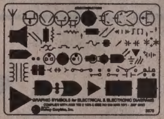


DIMENSIONS (IN.)

MOUSER STOCK NO.	Price Each
508-3365	19.60

Electrical and Electronic Diagrams Template

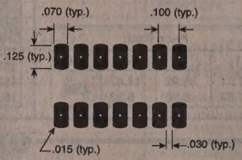
Complies with ANSI Y32.2 and IEEE standard No.315. All popular schematic and logic symbols needed to produce most electronic diagrams. For use on a .200 grid. Size: 7 x 5 x .030 thick



DIMENSIONS (IN.)

MOUSER STOCK NO.	Price Each
508-3378	10.30

DUAL-IN-LINE SYMBOLS



DIMENSIONS (IN.)

MOUSER STOCK NO.	Size	Pins	Qty.	Price Per Pkg.
508-6014	1x	14	250	29.35
508-6038	2x	14	250	29.35
508-6004	1x	16	250	29.35
508-6109	2x	16	250	29.35
508-6535	1x	24	100	29.35
508-6536	2x	24	100	29.35

DONUT PADS

Serve as the basic termination area for prototyping, and PC artwork.

500 per package

MOUSER STOCK NO.	O.D. (In.)	I.D. (In.)	Price Per Pkg.
508-D136	.062	.025	11.95
508-D137	.093	.031	11.95
508-D101	.100	.031	11.95
508-D102	.125	.031	7.90
508-D138	.187	.031	7.90
508-D141	.250	.031	7.90
508-D114	.375	.062	10.05

BLACK TAPE

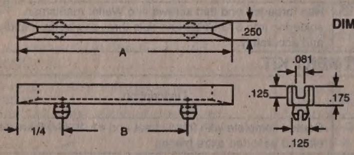
20 yard rolls

MOUSER STOCK NO.	Tape Size (In.)	Price Per Roll
508-201-031-11	.031	3.25
508-201-040-11	.040	3.25
508-201-050-11	.050	3.25
508-201-062-11	.062	3.30
508-201-100-11	.100	3.30
508-201-125-11	.125	3.50

EAGLE PCB CARD GUIDES

The printed circuit board card guide is designed to fit a .125" + .003" -.001" front diameter hole and a .120"±.005 x .218" slot rear hole

DIMENSIONS (IN.)

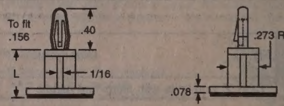


MOUSER STOCK NO.	Dimensions (In.)		Price Each			
	A	B	1	100	500	1000
561-CG250	2.5	2.0	.47	.35	.32	.29
561-CG300	3.0	2.5	.47	.35	.32	.29
561-CG350	3.5	3.0	.47	.35	.32	.29
561-CG400	4.0	3.5	.52	.39	.36	.33
561-CG450	4.5	4.0	.56	.417	.383	.348
561-CG550	5.5	5.0	.53	.40	.36	.33
561-CG600	6.0	5.5	.60	.45	.41	.37

EAGLE ADHESIVE BASE PCB LOCKING SUPPORTS

DIMENSIONS (IN.)

Base is .70" square



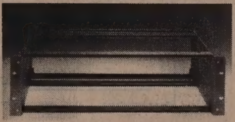
MOUSER STOCK NO.	Length (In.)	Price Each			
		1	100	500	1000
561-LAD187	3/16	.42	.30	.24	Call For Quote
561-LAD250	1/4	.42	.30	.24	
561-LAD500	1/2	.42	.30	.24	
561-LAD750	3/4	.45	.321	.24	
561-LAD1000	1	.45	.323	.25	

VECTOR ELECTRONIC COMPANY

Vector-Pac® Card Guides and Accessories

19" RACK MOUNTING CARD CAGES

Designed for mounting in 19" racks. Available fully assembled (CCA), (CMA) or easy assembled kits (CCK). Constructed from sturdy, brushed anodized aluminum. 21 pairs of nylon, snap-in card guides. Installed on 0.75" centers and are variable at 0.25 increments. Extruded aluminum T-struts feature an unique, adjust-cable mounting bracket which allows 4-way adjustment (up, down, forward, and backward).



Factory Assembles (CCA) (CMA)

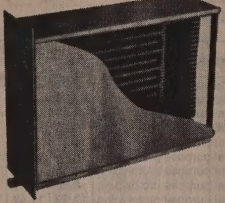
MOUSER STOCK NO.	Dimensions (In.)			Card Size (In.)		Card Guides	No. of Guides	Price Each
	W	H	D	H	W			
574-CCA13S/90	19.00	5.25	9.00	4.5	5.5-7.0	Noryl, snap-in	24	114.70
574-CCA14S/90	19.00	5.25	12.00	4.5	8.6-10.1	Noryl, snap-in	24	119.50
574-CMA13-20/90	19.00	5.25	9.00	4.5	7.0	EFP module	8	132.60

Easy Assembles (CCK)

574-CCK13S/90	19.00	5.25	9.00	4.5	5.5-7.0	Noryl, snap-in	24	93.50

EFP MODULE

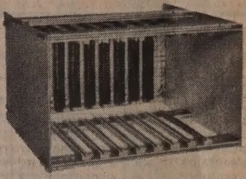
For CMA 13-20 card cage. Designed for packaging circuit boards and for insertion into Vector CMA series module racks. Modules mount securely into cages with jack screw on front panel.



MOUSER STOCK NO.	Recommended Card Size		Price Each
	H	W	
574-EFP204A66	4.5	6.5	22.80

STD BUS RACK

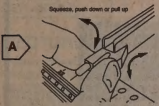
Free standing, all aluminum frame card rack. Accepts 4.5" x 6.5" x .062" cards. Guide positions are variable at 0.25" increments. Factory assembled, 8 slot back plane and 10 pairs of nylon, snap-in guides included.

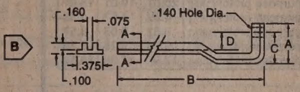


MOUSER STOCK NO.	Dimensions (In.)			Card Size (In.)		Card Guides	No. of Guides	Price Each
	W	H	D	H	W			
574-CCK13S-HT8/90	8.12	5.25	8.12	4.5	5.5-7.0	Noryl, snap-in	24	211.00

CARD GUIDES FOR SUBRACKS

Specifically designed snap-in or screw mount card guides provide easy installation, repositioning and removal of cards without damage.





DIMENSIONS (IN.)

Rack or Panel Mounted Card Guides

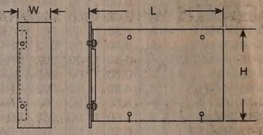
MOUSER STOCK NO.	Fig.	Dimensions (In.)		Card Length (In.)	Type	Pkg. Qty.	Price Per Pkg.
		L	Centers				
574-CG2-65S	A	5.42	4.50	6.50	Noryl nylon, snap-in mnt	12	9.68
574-CG2-65M	A	5.42	4.50	6.50	Metal, screw mount	12	13.53

Free Standing Card Guides, Connector Mounted

MOUSER STOCK NO.	Fig.	Description	Pkg. Qty.	Price Per Pkg.
574-BR27D	B	For use with 4.5" wide plugboards with centered contacts, such as Vector 3677, 3682, and 3662 series	2	3.08

CARD MOUNT MODULES

Ideal for applications requiring front panel component mounting, increased rigidity or varying card thickness. Cardmount panel, .062" thick, slides into standard Vector-pac card guides.



MOUSER STOCK NO.	Dimensions (In.)			Module Rack	Card Guide	Price Each
	H	W	L			
574-CM45A65-2	5.25	2.00	6.57	CCM13S	CG2-65	20.35

MULTI-MOD CASE

Versatile multi-mod case is ideal for small case packaging of testers, controllers, and other instruments. Brushed aluminum construction provides excellent RF attenuation. Extruded, two piece frame assembles quickly with self tapping screws. Fits standard .062" cards.

MOUSER STOCK NO.	Dimensions (In.)			Card Size (In.)	Price Each
	H	W	L		
574-W20-66-46B	4.61	2.00	6.61	6.50 x 4.50	22.25

A

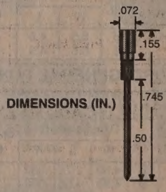
B

C

D

E

F



G

PINS AND TERMINALS

.025" Square Post Wire-Wrap Terminals

MOUSER STOCK NO.	Fig.	Description	Package Quantity	Price Each
574-T28/M	A	Push-in terminal for .062" holes	1000	33.11
574-T42-1/C	B	Push-in terminal for .042" holes	100	3.52
574-T42-1/M	B	Push-in terminal for .042" holes	1000	23.76
574-K24A/M	C	Pin .065" (L) for .042" hole, gold plated	1000	70.84
574-K24C/M	C	Pin .065" (L) for .042" hole, tin plated	1000	40.70
574-K26C/M	C	Pin .375" (L) for .042" hole, tin plated	1000	37.84
574-K32/C	D	J pin terminal for .042" holes	100	7.59

Mini-Klip™ Push-In Terminals

MOUSER STOCK NO.	Fig.	Description	Package Quantity	Price Each
574-T44/C	E	Bifurcated with 2 pronged receptacle for	100	4.73
574-T44/M	E	wires or leads	1000	31.13
574-T49/C	F	Trifurcated with 3 pronged receptacle for	100	8.03
574-T49/M	F	wires or leads	1000	63.80

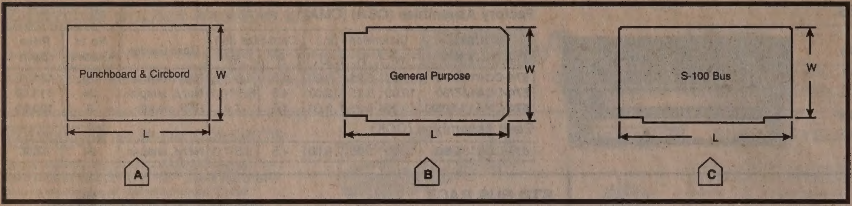
.042" Wire-Wrap Socket Pin

• Low profile • Pressfit mounting

574-R32/C	G	Four finger contacts, depth .13"	100	18.92
574-R32/M	G	Four finger contacts, depth .13"	1000	157.96

VECTOR
ELECTRONIC COMPANY

VECTORBORD® Prototyping Boards



VECTORBORD® PUNCHBOARDS

Precision drilled or pre-punched, VECTORBORD® Prototyping boards are convenient, economical design tools and are cost efficient alternatives to custom designs.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Material	Circuit Pattern	Price Each		
		W	L	T			1	10	25
574-64P44WE	A	4.50	6.50	.062	FR4 Epoxy glass	.042" general purpose prototyping	3.64	3.46	3.27
574-64P44XXXP	A	4.50	6.50	.062	FR2 Phenolic	.042" general purpose prototyping	3.00	2.85	2.70
574-64P44	A	4.50	6.50	.062	CEM-1 Epoxy glass composite	.042" general purpose prototyping	3.10	2.95	2.78
574-84P44WE	A	4.50	8.50	.062	FR4 Epoxy glass	.042" general purpose prototyping	4.49	4.27	4.04
574-169P44C1	A	4.50	17.00	.062	CEM-1 Epoxy glass comp. copper clad 1-side	.042" general purpose prototyping	10.27	9.76	9.24
574-169P44	A	4.50	17.00	.062	CEM-1 Epoxy glass composite	.042" general purpose prototyping	8.45	8.03	7.61
574-169P44XXXP	A	4.50	17.00	.062	FR2 Phenolic	.042" general purpose prototyping	6.63	6.30	5.97
574-169P44WE	A	4.50	17.00	.062	FR4 Epoxy glass	.042" general purpose prototyping	8.88	8.44	7.99
574-169P44WEC1	A	4.50	17.00	.062	FR4 Epoxy glass	.042" general purpose prototyping	12.09	11.49	10.88
574-169P59-032	A	6.00	17.00	.031	FR4 Epoxy glass	.042" general purpose prototyping	12.09	11.49	10.88
574-169P59047	A	6.00	17.00	.062	FR4 Epoxy glass	.042" general purpose prototyping	12.09	11.49	10.88
574-169P59XXXP	A	6.00	17.00	.062	FR2 Phenolic	.042" general purpose prototyping	10.06	9.56	9.05
574-169P79WE	A	8.00	17.00	.062	FR4 Epoxy glass	.042" general purpose prototyping	13.91	13.21	12.52
574-169P84	A	8.50	17.00	.062	CEM-1 Epoxy glass composite-6	.042" general purpose prototyping	14.87	14.13	13.39
574-169P84C1	A	8.50	17.00	.062	CEM-1 Epoxy glass composite	.042" general purpose prototyping	20.54	19.52	18.49
574-169P84WE	A	8.50	17.00	.062	FR4 Epoxy glass	.042" general purpose prototyping	16.91	16.06	15.22
574-169P84WEC1	A	8.50	17.00	.062	FR4 Epoxy glass copper clad one side	.042" general purpose prototyping	21.83	20.74	19.65
574-169P99	A	10.00	17.00	.062	CEM-1 Epoxy glass composite	.042" general purpose prototyping	20.01	19.01	18.01
574-85H48WE	A	4.80	8.50	.062	FR4 Epoxy glass	.062" general purpose prototyping	4.82	4.57	4.33
574-85H85WE	A	8.50	8.50	.062	FR4 Epoxy glass	.062" general purpose prototyping	9.52	9.05	8.57
574-170H48WE	A	4.80	17.00	.062	FR4 Epoxy glass	.062" general purpose prototyping	9.74	9.25	8.76
574-170H85WE	A	8.50	17.00	.062	FR4 Epoxy glass	.062" general purpose prototyping	17.98	17.08	16.18

CIRCBORD® PRINTED CIRCUIT PROTOTYPING BOARDS

CIRCBORD® Printed Circuit Prototyping Boards satisfy a wide range of development requirements without the expense of edge connectors. Several different circuit patterns are offered. All bus and circuit and pad surfaces are solder-coated for user convenience. All have .042" holes on .1" grid and are made of flame retardant epoxy.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Hole Dia. (In.)	16 Pin Dip Capacity	Material	Circuit Pattern	Price Each	
		W	L	T					1	10
574-8001	A	4.50	6.50	.062	.042	20	CEM-1 Epoxy glass composite	3 hole solder pad	19.80	Call For Quote
574-8002	A	4.50	6.50	.062	.042	36	CEM-1 Epoxy glass composite	Interleaved buses one side	21.94	
574-8003	A	4.50	6.50	.062	.042	60	CEM-1 Epoxy glass composite	Pad-per-hole one side	18.83	
574-8004	A	4.50	6.50	.062	.042	50	CEM-1 Epoxy glass composite	Ground plane one side	20.76	
574-8007	A	4.50	6.50	.062	.042	60	CEM-1 Epoxy glass composite	Pad-per-hole, ground plane	21.08	
574-3677-6	A	4.50	8.08	.062	.042	21	CEM-1 Epoxy glass composite	3-hole solder pad	13.91	
574-45P80-1	A	4.50	8.08	.062	.042	80	CEM-1 Epoxy glass composite	Pad-per-hole	23.01	
574-8010	A	12.86	4.00	.062	.042	124	FR4 Epoxy glass	Pad-per-hole	63.88	
574-8006	A	5.00	13.25	.062	.042	154	FR4 Epoxy glass	Pad-per-hole, plated thru hole	36.38	Call For Quote
574-8012	A	9.20	11.00	.062	.042	283	FR4 Epoxy glass	Pad-per-hole, plated thru hole	54.57	
574-106P106-1	A	10.60	10.60	.062	.042	275	CEM-1 Epoxy glass composite	Pad-per-hole	60.56	

VECTORBORD® GENERAL PURPOSE AND STANDARD BUS EXTENDER CARDS

Extenders for in-system testing of functioning circuits. Connectors are installed and attached to 2-ounce etched circuit line on the board.

MOUSER STOCK NO.	Fig.	Dim. (In.)		Spacing (In.)	Hole Dia. (In.)	16 Pin Dip Capacity	Material	Bus	Price Each	
		W	L						1	10
574-4610-1	B	6.5	4.5	0.1	.042	59	CEM1 Epoxy glass composite	Contacts only	23.65	Call
574-4610-2	B	6.5	4.5	0.1	.042	35	CEM1 Epoxy glass composite	Interleaved bus	30.28	

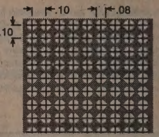
VECTORBORD® GENERAL PURPOSE PLUGBOARDS™

Made of flame-retardant epoxy glass or epoxy glass composite materials. They are built to precise specifications for secure solder or wire wrap connections. All feature gold plated edge connectors.

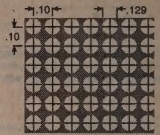
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Spacing (In.)	No. of Cont.	16 Pin Dip Capacity	Material	Circuit Pattern	Price Each
		W	L	T						
574-3797-2	B	4.50	2.73	.062	.156	30	4	CEM-1 Epoxy, glass composite	3 hole solder pad	15.73
574-4112-5	B	4.50	4.50	.062	.156	44	8	CEM-1 Epoxy, glass composite	3 hole solder pad/ground plane (w/ zig-zag buses)	24.18
574-3662	B	6.50	4.50	.062	.156	44	50	CEM-1 Epoxy, glass composite	Contacts only	16.91
574-3662-5	B	4.50	4.50	.062	.156	44	40	CEM-1 Epoxy, glass composite	Contacts only	13.27
574-3662A6	B	6.50	4.50	.062	.156	44	90	CEM-1 Epoxy, glass composite	Ground plane	30.28
574-3662-9	B	6.50	4.50	.062	.156	44	48	FR4 Epoxy glass	Pad-per-hole, plated thru holes	36.38
574-3677-2	B	6.50	4.50	.062	.156	44	12	CEM-1 Epoxy, glass composite	3 hole solder pad w/ interleaved vtg., ground buses	19.37
574-4112-4	B	6.50	4.50	.062	.156	44	25	CEM-1 Epoxy, glass composite	3 hole solder pad (w/ zig-zag buses)	27.39
574-3677	B	9.60	4.50	.062	.156	44	21	CEM-1 Epoxy, glass composite	3 hole solder pad	21.83
574-3682-2	B	6.50	4.50	.062	.156	44	24	CEM-1 Epoxy, glass composite	Interleaved bus/ground plane	21.83
574-3682	B	9.60	4.50	.062	.156	44	48	CEM-1 Epoxy, glass composite	Interleaved buses	27.82
574-4610	B	6.50	4.50	.062	.125	56	20	CEM-1 Epoxy, glass composite	3 hole solder pad, I/O connector pads	30.28
574-4610-3	B B	6.50	4.50	.062	.125	56	52	FR4 Epoxy glass	Pad-per-hole, plated thru holes, I/O connector pads	44.83
574-3719-1	B	6.50	4.50	.062	.156	72	50	CEM-1 Epoxy, glass composite	Contacts only	16.37
574-3719-4	B	9.60	4.50	.062	.156	72	90	CEM-1 Epoxy, glass composite	Contacts only	21.83
574-3719-6	B	6.50	4.50	.062	.100	72	40	FR4 Epoxy glass	Pad-per-hole, plated thru holes	39.70
574-4493	B	6.50	4.50	.062	.100	72	42	CEM-1 Epoxy, glass composite	Voltage/ ground planes	31.46
574-4350	B	9.60	7.00	.062	.125	80	63	CEM-1 Epoxy, glass composite	Voltage/ ground planes w/ zig-zag buses	44.83
574-8804	C	5.30	10.00	.062	.125	100	70	CEM-1 Epoxy, glass composite	Voltage/ ground planes, S-100 bus	36.38
574-8801-6	C	5.30	10.00	.062	.125	100	80	FR4 Epoxy glass	Pad-per-hole, S-100 bus	48.47

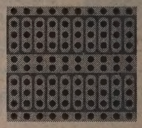
Circuit Pattern



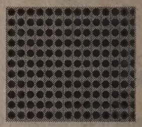
.042" General purpose prototyping



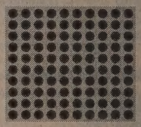
.062" General purpose prototyping



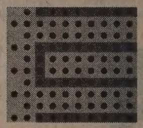
3-Hole solder pad pattern



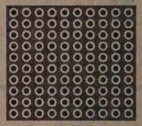
Contacts only pattern



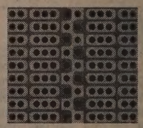
Voltage/ground plane pattern



Interleaved bus pattern



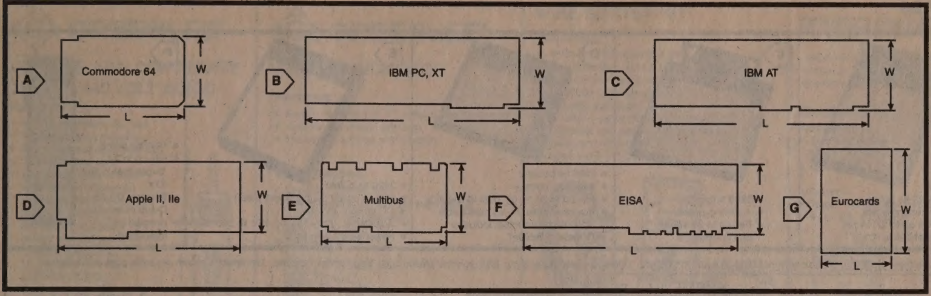
Pad-per-hole pattern



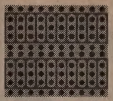
Zig-zag buses

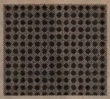
VECTOR ELECTRONIC COMPANY

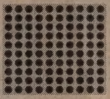
VECTORBORD® Prototyping Boards

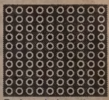


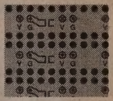
Circuit Pattern

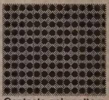

3-Hole solder pad pattern


Peripheral buses


Voltage/ground plane patterns


Pad-per-hole pattern


VECTORBORD plus pattern
Fully populated with wire wrap pins


Contacts only pattern

VECTORBORD® BUS SPECIFIC PLUGBOARDS™

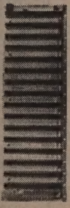
Boards have bus specific architecture. They can be used for wirewrap or solder terminations. Holes and edge contacts are positioned on 0.1" centers. Power and ground buses are committed to connectors per bus specifications. Layout paper and instructions are included.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Hole Dia. (In.)	16 Pin Dip Capacity	Material	Bus	Circuit Pattern	Price Each	
		W	L						1	10
574-3795-1	A	2.73	4.50	.042	4	CEM1 Epoxy glass comp.	Commodore 64	3 hole solder pad	18.51	
574-4613	B	4.20	13.23	.042	44	FR4 Epoxy glass	IBM PC, XT	3 hole solder pad	60.56	Call
574-4613-1	B	4.20	13.23	.042	84	FR4 Epoxy glass	IBM PC, XT	Peripheral buses	44.83	For
574-4613-2	B	4.20	13.23	.042	55	FR4 Epoxy glass	IBM PC, XT	Voltage / ground planes	60.56	Quote
574-4613-3	B	4.20	13.23	.042	91	FR4 Epoxy glass	IBM PC, XT	Pad-per-hole, plated thru holes	60.56	
574-4617	C	4.80	13.25	.042	32	FR4 Epoxy glass	IBM AT	3 hole solder pad, plated thru holes	60.56	
574-4617-1	C	4.80	13.25	.042	108	FR4 Epoxy glass	IBM AT	Peripheral buses	44.83	
574-4617-3	C	4.80	13.25	.042	96	FR4 Epoxy glass	IBM AT	Pad-per-hole, plated thru holes	60.56	
574-4617-4	C	4.80	13.25	.055	140	FR4 Epoxy glass	IBM AT	Voltage / ground plane	60.56	
574-4617C5LF	C	4.80	13.25	.055	140	FR4 Epoxy glass	IBM AT	Fully populated with wire wrap pins	439.13	Call
574-4608	E	6.75	12.00	.042	54	CEM-Epoxy glass comp.	MULT. BUS	3 hole solder pad	95.55	For
574-4607	A	5.19	8.43	.042	85	FR4 Epoxy glass	DEC	Contacts only	30.28	Quote
574-4619-3	F	4.50	13.25	.042	70	Mult. layer	EISA	Pad-per-hole, plated thru hole	153.00	

VECTORBORD® EUROCARD METRIC VME PROTOTYPING BOARDS (DIN 41612)

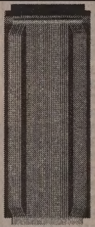
Feature precision-drilled holes and FR4 epoxy glass construction. They are compatible with VME, Multibus 11, Future Bus, and most common DIN-based applications. Bus connector areas designed for standard 96 pin DIN connectors.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Hole Dia. (In.)	16 Pin Dip Capacity	Material	Circuit Pattern	Wire Wrap Pins	Price Each	
		W	L						1	10
574-E160-3U-3	G	6.30	3.94	.055	45	FR4 Epoxy glass	Voltage / ground plane	R50, R51, R53	29.10	
574-E160-6U-1	G	6.30	9.19	.042	100	FR4 Epoxy glass	Pad-per-hole with plated thru holes	574-R32/C	52.54	Call
574-E160-6U-3	G	6.30	9.19	.055	105	FR4 Epoxy glass	Voltage / ground plane	R51, R52, R53	46.65	For
574-E220-6U-1	G	8.66	9.19	.042	140	FR4 Epoxy glass	Pad-per-hole with plated thru holes	574-R32/C	56.07	Quote
574-E220-6U-3	G	8.66	9.19	.055	168	FR4 Epoxy glass	Voltage / ground plane	R51, R52, R53	50.18	
574-E280-9U-3	G	11.02	14.44	.055	348	FR4 Epoxy glass	Voltage / ground plane	R51, R52, R53	81.75	



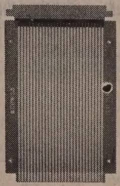
4610-16-1A

3690/3690-6



3690-4

3690-12



3690-16

3690-18

VECTORBORD® STANDARD BUS BACKPLANE

Fully assembled and tested, 16 slot backplane for standard bus applications. Connector spacing is on .75" centers. Meets all standard bus specifications.

✻ Power lines are filtered with bypass capacitors

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Connector Spacing	Accessories			Contacts	Price Each	
		W	L	T		Plugbord Series	Extender	Card Rack		1	10
574-4610-16-1A	A	4.35	13.00	.062	.750	4610 series	3690-16	CCK13 series	Gold plated	231.00	Call

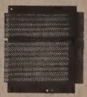
VECTORBORD® GENERAL PURPOSE AND BUS SPECIFIC EXTENDER CARDS

Extenders for in-system testing of functioning circuits. Construction is either FR4 epoxy glass or epoxy glass composite with nickel / gold plated edge contacts and gold plated socket contacts. Connectors are installed and attached to 2-once etched circuit line on the board. Connector tabs on most models are designed to accept test clips or probes.

✻ Power lines are filtered with bypass capacitors

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Spacing	No of Contacts	Material	Bus	Price Each	
		H	W					1	10
574-3690	B	6.50	4.50	.156	44	Epoxy glass composite	General purpose	28.57	
574-3690-4	C	7.50	4.50	.100	72	Epoxy glass composite	General purpose	48.69	Call
574-3690-6	B	11.00	4.50	.156	44	Epoxy glass composite	General purpose	37.24	For
574-3690-12	D	7.50	10.00	.125	100	Epoxy glass composite	S100	52.54	Quote
574-3690-16	E	6.50	4.50	.125	56	Epoxy glass composite	General purpose/standard	37.34	
574-3690-18	F	7.65	12.00	.100	60	Epoxy glass	Multibus 1	75.86	
574-3690-22	G	5.70	3.18	.100	62	Epoxy glass	IBM PC, XT	37.88	
574-3690-26	H	5.60	6.70	.100	36	Epoxy glass	IBM AT	58.32	
574-3690-30	I	7.475	6.10	DIN	96	Multilayer	PS/250, 60	187.25	
574-3690-31	J	7.475	7.65	DIN	96	Multilayer	PS280	187.25	Call
574-3690-32	K	5.60	6.70	.050	188	Multilayer	✻EISA	203.64	For
574-VMEE-J1	L	3.94	12.20	DIN	96	Multilayer	VME	243.64	Quote
574-VMEE-J2	L	3.94	12.20	DIN	96	Multilayer	VME	243.64	

3690-22



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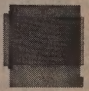
3690-30



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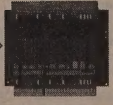


3690-32

3690-22

Breadboards and Accessories / Project Kits and Courses

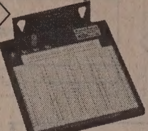
PP PROTO-TYPE BOARDS

A

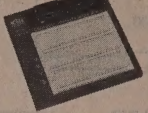
- 1580 tie points
- 3 binding posts
- Fits up to 18 14-pin dual-in-line IC's

B

- 2420 tie points
- 4 binding posts
- Fits up to 27 14-pin dual-in-line IC's

C


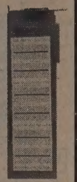
- 3260 tie points
- 4 binding posts
- Fits up to 36 14-pin dual-in-line IC's

D


- 2320 tie points
- 4 binding posts
- Fits up to 36 14-pin dual-in-line IC's
- Programmable 25-pin detachable I/O D-sub connectors included (1 male, 1 female)

E

- 2420 tie points
- Built-in power supply (short-proof)
- DC power: +5V/1A
- Adjustable: 0 to +15V or -15V @ 500mA
- Power switch with light

F


- 1940 tie points
- Fits up to 24 14-pin dual-in-line IC's
- External DB-25 D-sub connector (female) for interfacing

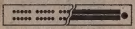
For construction of electronic circuits. Accepts most electronic components including IC's and transistors. Contacts-silver/nickel alloy. ABS polymer plastic body. Edge plates included. Dimensions shown are base plate dimensions.

MOUSER STOCK NO.	Fig.	Description	Dimen. (In.)		Price Each
			L	W	
383-K158	A	Proto-type board	6.625	7.50	29.95
383-K242	B	Proto-type board	9.875	7.375	45.95
383-K326	C	Proto-type board	10.50	9.50	62.95
383-K2300	D	Interface proto-type board, 50 piece color coded jumper wire assortment included	10.00	9.00	59.95

MOUSER STOCK NO.	Fig.	Description	Dimen. (In.)		Price Each
			L	W	
383-K2400	E	Powered proto-type board, input line voltage: AC 120V 60Hz	9.75	7.75	159.95
383-Q1940	F	PC interface proto-type board, all PC signals are connected to PCB	13.75	4.00	91.88

PP SOCKET AND BUS STRIPS

- External body is made of polymer which resists heat up to 90°C
- Internal contact material is made of silver and nickel alloy
- Contact resistance: < 1mΩ
- Snap lock design allows easy combination with each other for greater design flexibility

A


C

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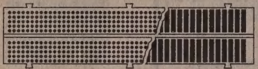
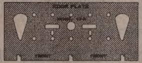


B

E


MOUSER STOCK NO.	Fig.	Description	Dimen. (In.)		Price Each
			L	W	
383-Q50	A	2 buses of 25 terminals in two rows	3.15	.47	1.60
383-Q290	B	58 groups of 5 connected terminals	3.15	1.5	4.95
383-K10	C	4 buses of 25 terminals in two rows	6.8	.54	1.95
383-K64	D	128 groups of 5 connected terminals on each side	6.8	1.5	6.95
383-EP3	E	Edge plate allows easy mounting of components	6.8	2.5	.78

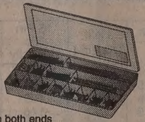
PP MULTI-BOARD SOCKETS AND BUS STRIPS

Features:

- Center channel can be adjusted from 0.3 to 0.6 with a simple swap of the strips
- Accommodates 8 to 40 pin IC's
- Can fit up to 9 14-pin dual-in-line IC's
- Snap lock design allows easy combination with other strips

MOUSER STOCK NO.	Price Each
383-X1000	9.95

PP COLOR CODED WIRE JUMPER ASSORTMENT KIT



Features:

- 350 pieces
- 14 different color coded lengths
- 25 pieces of each length

Specifications:

- PVC insulated #22 AWG solid wire
- Each wire stripped 1/4" and bent on both ends
- Lengths from 0.1" to 5.0" (0.1" length not insulated)

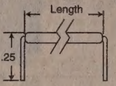
MOUSER STOCK NO.	Price Each
383-1425	12.58

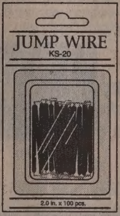
PP SOLID AND FLEXIBLE JUMPER WIRE

Solid Jumper Wire For Solderless Breadboards

Features:

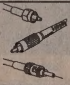
- Replacement wire for jumper wire assortment kit, part number: 383-1425
- Each wire is stripped 1/4" and bent 90° on both ends
- PVC insulated #22 AWG solid tinned copper
- 14 color coded sizes from 0.1" to 5.0"





MOUSER STOCK NO.	Length (In.)	Color	Package Quantity	Price Each
383-KS01	0.1	(no insulation)	200	3.89
383-KS02	0.2	Red	200	3.89
383-KS03	0.3	Orange	200	3.89
383-KS04	0.4	Yellow	200	3.89
383-KS05	0.5	Green	200	3.89
383-KS06	0.6	Blue	150	3.89
383-KS07	0.7	Violet	150	3.89
383-KS08	0.8	Gray	150	3.89
383-KS09	0.9	White	150	3.89
383-KS10	1.0	Brown	100	3.89
383-KS20	2.0	Red	100	3.89
383-KS30	3.0	Orange	75	3.89
383-KS40	4.0	Yellow	75	3.89
383-KS50	5.0	Green	75	3.89

INDUSTRIAL FIBER OPTICS



Fiber Optic Experimenters Kit

1 meter data link with matched LED and photodetector, connectors and instructions with design information.

558-IF-E10 **$6.95**

Designer's Kit

Features: No polish connectors; TTL and CMOS and compatible; 1 mega-bit data rate. Contains all the components to construct a 10 meter digital communication link. The Motorola FLCS fiber optic system provides the LED and integrated photodetector. Instructions and data sheets included.

Designer's Kit

558-IF-SD10 **$49.95**

Project Kit

1 book "Fiber Optic Communications, Experiments and Projects" with necessary optic components and fiber to complete 8 experiments and 5 projects.

558-IF-E33 **$44.95**

Educational Kit

1 meter data link with LED and phototransistor. Includes fiber, data sheets, printed circuit boards and electronic components. Assembly and tutorial information included.

558-IF-E22 **$16.95**

Plastic Fiber Tool Kit

A tool kit exclusively for use with the standard 100µm plastic fiber.
Contains: No-NIK fiber optic strippers, hot knife, cutting and termination tool, dry non-polish termination fixture, replacement blade, instruction sheet, enclosed in a break-resistant tool box.

558-IF-TK1 **$97.60**

Fiber Optic LC Connector Kit

Components and instructions for completing 2 bulkhead connectors for jacketed 1000µm plastic fiber. No polishing, adhesives or special tools.

558-IF-C-C10 **$6.00**

Fiber Optic Executive Overview

Reference manual for professionals in sales, management, purchasing, etc. Covers principles, components, interconnects, completed systems, test equipment and tools.

558-IF-EF01 **$8.80**

Fiber Optic Mini Course

Beginning with fiber optic history through system design and applications. Covers both the communications and industrial applications of fiber optics. After completion of the lab exercise a fully functional digital communication link will be constructed.

558-IF-MC10 **$29.95**

Fiber Optic

Courses ~ Science Projects ~ Data Links ~ Components and Tools

Fiber Optic 15 Week Course

Complete course covers classroom and lab. Consists of a text, lab manual and lab kit.

558-IF-SC10 **$65.50**

Fiber Optic LC Splice Kit

10 splices for extending or mending jacketed 1000µm plastic fiber. Includes instructions. No polishing, adhesives or special tools required.

558-IF-C-S10 **$6.00**

Fiber Optic Lab Manual and Lab Kit

7 experiments; final design project; fiber optic glossary; research projects. A complete technical manual on fiber optics, available alone or with the lab kit. The fundamentals of fiber optic systems are covered.

558-IF-LM (Lab Manual) **$7.20**

Experiments Include: Making a light pipe; fiber cable transmission; splices, connectors and terminations; speed of opto-electronic devices; fiber optic transmitters; fiber optic receiver design; making a star coupler.

558-IF-LMH (Kit & Lab Manual) **$40.80**

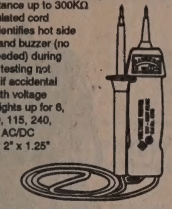
Test Equipment, Breadboards, and Software

GREENLEE®

VOLTAGE AND CONTINUITY TESTER 440 VOLT AC/DC

Features:

- AC/DC switchless, dial free
- Automatic range selection
- Test resistance up to 300KΩ
- Triple-insulated cord
- 1 probe identifies hot side with light and buzzer (no ground needed) during continuity testing not damaged if accidental contact with voltage
- Indicator lights up for 6, 12, 24, 50, 115, 240, and 440V AC/DC
- Size: 8" x 2" x 1.25"



586-6708	$ 75.35

GREENLEE®

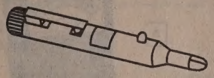
VOLTAGE INDICATOR

Features:

- Senses presence of AC voltage without contact
- Audible and visual indicators
- Pocket clip acts as on/off switch

Specifications:

- Capacity: 50-500 VAC
- Power source: (2) No, 357 calculator or watch batteries (included)
- Size: 5 1/4" long
- Weight: 1 lb.

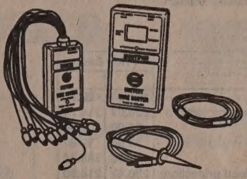


586-35952	$ 18.13

WIRE SORTER KIT

Features:

- Sorts up to 10 wires at a time
- Max. distance: up to 3 miles
- Ideal for one-man sorting
- Simplifies cable identification
- Indicates opens and shorts
- Portable 2-piece digital readout system
- Complete with padded carrying case, leads, and 9V battery
- Size: 14" x 11" x 3"



586-5775VS	$ 339.63

POWER FINDER™ CIRCUIT TRACER

Locate and identify circuits, fuses, breakers, and wiring, even inside conduits or underground. Plug the transmitter into an outlet (≤300V) and trace the path with the hand held receiver.

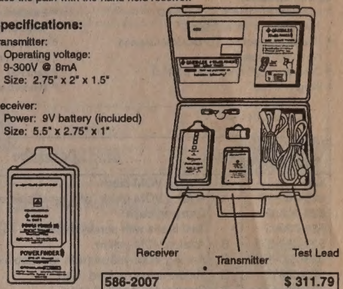
Specifications:

Transmitter:

- Operating voltage: 9-300V @ 8mA
- Size: 2.75" x 2" x 1.5"

Receiver:

- Power: 9V battery (included)
- Size: 5.5" x 2.75" x 1"

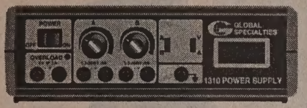


586-2007	$ 311.79

GLOBAL SPECIALTIES®

MODEL 1310 DC POWER SUPPLY

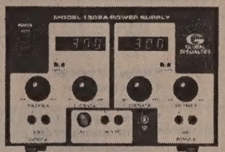
Three independent outputs–one fixed: +5V; two variable: 1.2-20V. LED readout for voltage or current on either variable supply. External short circuit will not damage supplies. All supplies are floating and transformer isolated. Size: 3H x 10W x 7D inches. Weight: 6 lbs.



510-1310	$169.95

GLOBAL SPECIALTIES®

MODEL 1302A DC POWER SUPPLY



The 510-1302A features three completely isolated voltage supplies: a fixed/variable 5 VDC, 5.0A output, two variable 0-30 VDC, 2.0A outputs are available via front panel, and color-coded binding posts. The separate front panel 3 inch LED displays allow you to monitor voltage from 0-30V and current from 0-2A.

510-1302A	$525.00

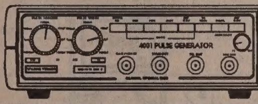
GLOBAL SPECIALTIES®

4001 PULSE GENERATOR

Features:

- Independent settings of pulse width and pulse spacing
- Four modes-run, triggered, gated, one-shot
- Outputs from 0.5Hz to 5MHz
- Complement output-inverts waveform
- Variable output for CMOS circuitry
- Symmetrical square wave outputs
- Power required: 105-135AC, 57-63Hz, 6VA maximum
- Sizes (H x W x D): 3" x 10" x 7", weight: 2.2 lbs.

MOUSER STOCK NO.	Price Each
510-4001	199.95

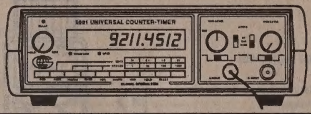


GLOBAL SPECIALTIES®

5001 UNIVERSAL COUNTER-TIMER

Features:

- Measures frequency, period, interval, and counted events
- Two input channels, A and B, DC coupled, BNC connector
- Full signal conditioning on both inputs
- Measures DC to 10MHz
- 10MHz crystal oscillator
- Sensitivity: 20mVRMS
- Impedance: 1MΩ@25pF
- Power: 105-135VAC, 57-63Hz, 10VA max.
- Size (H x W x D): 3" x 10" x 7"



MOUSER STOCK NO.	Price Each
510-5001	349.95

GLOBAL SPECIALTIES®

POWERED PROTO-BOARD™

PB-503:

- 1 to 100KHz function generator and TTL outputs
- Voltage: 5V and variable ±5-15VDC power supplies
- 2520 tie-points
- 8 logic probe circuits, LED indicators, pulsers, potentiometers and speaker

PB-203A:

- 5VDC, 1A power supply
- Separate +5.5-18VDC/-5.5-18VDC power supplies-capable of 500mA @ 15VDC
- Factory pre-set power to +/-15VDC
- Voltages independently adjustable
- Twenty four 14 pin DIP capacity

PB-203AK:

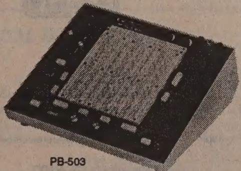
- Identical to PB-203A in kit form
- 30-page construction manual

PB-204:

- 5VDC, 1A power supply
- Separate +12/-12VDC power supplies-capable of 250mA
- Powered from external pak twenty four 14 pin DIP capacity

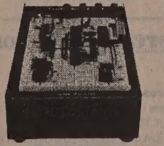
04-1050 (Not Powered)

- Largest breadboard available
- 4560 tie points
- 5 binding posts
- Aluminum backplate 9.2 x 11.4 x 1.4 inches (L x W x H)
- Contact resistance: less than .5mΩ
- 48 14-pin DIP capacity



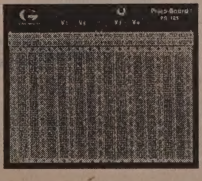
PB-503

Unlimited Lifetime Guarantee On All Global Breadboard Sockets



PB-200 Series

MOUSER STOCK NO.	Weight (lb.)	Price Each
510-PB-503	6	299.95
510-PB-203A	5.5	183.00
510-PB-203AK	5.5	129.95
510-PB-204	5	119.95
510-04-1050	1.8	97.90



04-1050

GLOBAL SPECIALTIES®

CIRCUIT SIMULATOR SOFTWARE

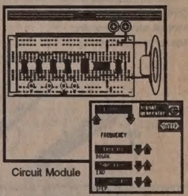
Introducing Protolab™ a total computer-simulated, electronics laboratory including free built-in test instruments and tools to build and test actual circuits.

System Requires:

- IBM/PC or compatible with 512K RAM
- EGA/VGA video
- Mouse
- 3-1/2" or 5-1/4" floppy drive

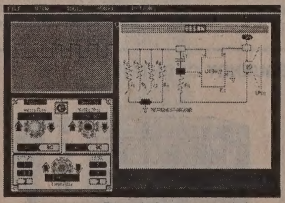
Includes:

- Protolab™ release 3.0
- 3 Protoware™ modules (diodes, transistor amplifiers and electronic organs)

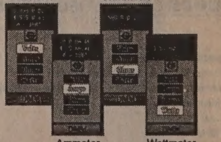


Circuit Module

Signal Generator



Electronic Organ



Includes EGA/VGA graphics, quick function key menu selection, and on-line help. Most importantly, release 3.0 supports the advanced components available in Protoware™ circuit modules.

Protoware™ modules and diodes, transistor amplifiers and an electronic organ. A "cook-book" format makes it easy to learn and understand. Change component values and analyze the circuit. View the circuit in schematic or pictorial presentation. A great program for studying the basics of electronic circuits and test equipment.

IBM, trademark of International Business Machines, Inc.

*Price includes 3 additional Protoware™ modules (diodes, transistors and electronic organ)

510-PL-0004	$69.90*

Simpson / mercer Test Equipment

Simpson 260 (SERIES 8) VOMS

Specifications:
- Measures to: 1000VDC, 1000VAC, 10A AC/DC, X10K resistance
- Overload protection: (1) 1A.250V fuse and (1) 2A/600V fuse
- Dimensions: 7" H x 5.5" W x 3.1" D
- Weight: 3 Lbs.

Features:
- Excellent nulling and peaking
- Large color coded scales
- AC frequency response to 100KHz
- Varistor protected meter movement
- Zero RFI
- Mirrored scale parallax reduction
- Standard and high energy overload fusing
- Includes test leads and batteries
- Audible continuity check 260-8XI, 260-8XPI and 260-8P resettable over load circuit
- Protection relay 260-XPI and 260-8P only)

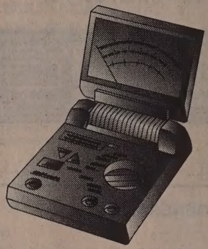
MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	2
529-260-8	A	Analog VOM-black	169.24	160.78
529-260-8P	A	Analog VOM-black (with resettable overload protection)	226.01	214.71
529-00805	- - -	Carrying case	56.00	53.20
529-00043	- - -	Test leads with screw-on clips	13.55	12.87
529-260-8XI	B	Analog VOM-yellow	175.30	166.54
529-260-8XPI	B	Analog VOM-yellow (with resettable overload protection)	230.42	218.90
529-00832	B	Yellow nylon padded case	44.75	42.51
529-00934	B	Black nylon padded case	44.75	42.51

A

B

Simpson 301 ANALOG AUTORANGING MULTIMETER

Features:
- Self protecting design; fits in the palm of your hand
- Measures to 1000VDC, 750VAC, 3A AC/DC, 200MΩ, and 59dB
- Pivot and Jewel 90° meter movement
- Auto power off when meter is folded
- High impedance input
- Zero adjust
- Range display LED
- Range shift switches
- Range hold switch
- +3A test jack
- Polarity display LED lights
- Internal battery checking
- +Measurement terminal



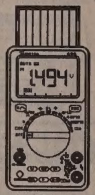
- Included test leads, 4AAA batteries and manual. Warranty: 1 year.

MOUSER STOCK NO.	Price Each	
	1	2
529-301	124.95	118.70

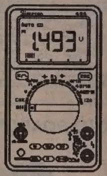
Simpson 490 SERIES DIGITAL MULTIMETERS

Features:
- Measures to 1000VDC, 750VAC, 10A AC/DC, (490 only), 40MΩ
- Wide dynamic range, 4000 count display
- High-speed bar graph display to catch a momentary change of measurement
- Relative measurement from standard measured values
- Automatic power-off function to reduce battery consumption
- Data hold
- Data memory
- Frequency measurement to 1 MHz
- Continuity beeper and diode testing
- Internal battery checking
- Auto or manual ranging

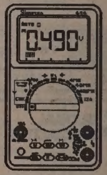
A

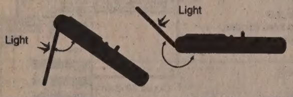


B



C





Simpson's unique photocell array is located in the Tilt Bale so it can easily be directed toward the maximum light

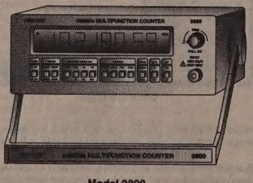
- Large LCD with black-light
- Maximum and minimum value hold
- Timer hold function to hold measured value to 15 seconds later
- Capacitance measurement from 1 pF to 40μF
- Measures to 12A AC/DC
- 2 power sources-dry batteries and rechargeable Lithium batteries
- Automatic selection of power source

- Large LCD with black-light
- Maximum and minimum value hold
- Timer hold function to hold measured value to 15 seconds later
- Capacitance measurement from 1 p to 40μF
- Measures to 12A AC/DC

MOUSER STOCK NO.	Fig.	Price Each	
		1	2
529-494	A	209.00	198.55
529-493	B	179.00	170.05
529-490	C	149.00	141.55

mercer MULTIFUNCTION FREQUENCY COUNTER

Specifications:
- 8-digit LED display with annunciators
- Modes: frequency-period-period average-totalize
- Selectable gate times
- Low pass filter
- 10Hz to 100MHz



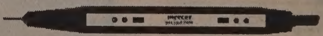
Model 9800

MOUSER STOCK NO.	Description	Price Each	
		1	2
529-9800	100MHz Freq. counter	183.88	174.69
529-90005	BNC/mini-gator replacement lead set	10.45	9.93

mercer LOGIC PROBE

Features:
- Multiple LED indicators show status of logic "0", "1", high impedance, pulse and over-voltage or reverse voltage
- CMOS, TTL, DTL, HTL compatible
- Minimum detectable pulse width down to 25ns, frequency response up to 20MHz
- Pulse memory

Model 9604



MOUSER STOCK NO.	Description	Price Each	
		1	2
529-9604	20MHz logic probe	41.69	39.61

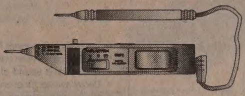
Test Instruments

EDUCATORS!!!
Mouser Offers Special School Discounts on Simpson, Wavetek, and Goldstar Products.
CALL TODAY. . .**1-800-633-2246**

Recently, Wavetek extended its product line with the purchase of the instrumentation products division of Beckman Industrial (BI) to include high-quality digital instruments for service test and measurement - the instruments in this catalog. Wavetek intends to continue the tradition of providing quality instrumentation and service by producing the highest quality products and services for the best possible value. All models include operator's manual, test leads and batteries.

WAVETEK PEN-TYPE DMM

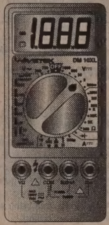
Features:
- 3 1/2 digit
- Simple, one-handed operation
- Autoranging
- Continuity test with beeper
- Data hold button
- Measures to 250VAC, 500VDC, or to 2MΩ
- A favorite second unit
- Warranty: one year



MOUSER STOCK NO.	Description	Price Each	
		1	5
569-DM73	Auto range DMM	69.95	Call

WAVETEK XL POCKET SERIES FULL-FUNCTION COMPACT DMM

Totally improved! Includes large .7" display, increased accuracy, fused 10A inputs, newly designed modern case, and the new "safety tester" feature which quickly indicates live voltage levels with LED's (6, 12, 24, 50, 110, and 220V) regardless of battery condition. All of these improvements and more for the same low price of the former Model DM10.

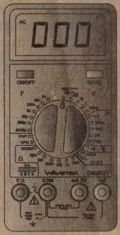


Features:
- 19 ranges
- Measures to 750VAC, 1000VDC, 10A DC, 20MΩ resistance
- Diode test
- 10A and 200mA fuses
- Continuity beeper
- Input warning beeper
- Large LCD display
- Safety tester
- Warranty: one year

MOUSER STOCK NO.	Description	Price Each	
		1	5
569-DM10XL	3-1/2 digit multimeter	49.95	Call

WAVETEK XT SERIES HIGH-PERFORMING, FULL-FUNCTION DMM

Features:
- 35 ranges
- Large 3 1/2 digit display
- Frequency to 2000Hz
- Capacitance measurement to 2000μF
- Resistance measurement to 2000MΩ
- 20A range, AC and DC (fused)
- Measures to 750VAC, 1000VDC
- Transistor gain testing
- Continuity test with beeper
- Logic for TTL and CMOS
- Diode test
- Color: black
- Auto-off and tilt stand
- Input warning beeper
- Alligator clips for test leads
- Warranty: one year



MOUSER STOCK NO.	Description	Price Each	
		1	5
569-DM25XT	3-1/2 digit multimeter	99.95	Call

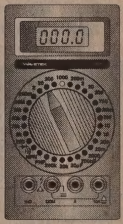
WAVETEK PROFESSIONAL SERIES DMMs

The professional series digital multimeters provide the engineer or technician with superior reliability and easy use, and are covered by a one year no-fault warranty, including damage from electrical overloads, other than outright abuse. Test leads, spare fuse, operator's manual and battery included. Made in the USA.

Features:
- 3 1/2 digit LCD
- 29 ranges
- Measure to 1000VAC, 1500VDC, DC and AC current to 10A, resistance to 20MΩ and diode test to 2V
- VDC accuracies of 0.07 to 0.25%
- Insta-ohms
- Diode test
- Audible continuity beeper for fast, easy continuity checks (Model 310B)
- True RMS (Model 330B)
- Warranty: one year

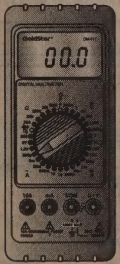
MOUSER STOCK NO.	Description	Price Each	
		1	5
569-310B	3-1/2 digit multimeter	175.00	Call
569-330B	3-1/2 DMM with true RMS	249.00	

Model 310B



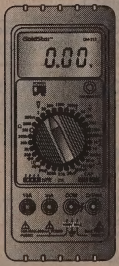
GoldStar® ADVANCED DIGITAL MULTIMETERS

Common Features:
- AC/DC voltage: 750V / 1000V
- AC/DC current: 10A
- Resistance range: 20MΩ
- Overload protection voltage up to max. 600V in resistance range, capacitance, continuity, and diode check
- Wrong position protection
- 1000V between con. and ground jacks
- 10A fused with input overload protection
- Frequency: 10Hz to 200KHz (only for 585-DM312
- Double insulated input jack
- Adopting unbroken tilt stand
- Introduction to surface mount technology (SMT)
- Designed to meet IEC 348 safety requirements



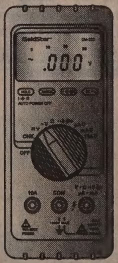
- 3-1/2 digit
- 2000 counts
- Manual ranging

MOUSER STOCK NO.	Price Each
585-DM311	49.95



- 3-1/2 digit
- 2000 count
- Manual ranging
- Capacitance: 2000pF-20μF
- Frequency: 10Hz-200KHz

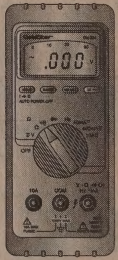
MOUSER STOCK NO.	Price Each
585-DM312	79.95



- 3 3/4 digit
- 3200 count
- Resistance range: 32MΩ
- Data hold mode
- Continuity test with beeper
- Diode test
- SMT technology

MOUSER STOCK NO.	Price Each
585-DM333	69.95

NEW IN'95



- 3 3/4 digit
- 4000 count
- Resistance range: 40MΩ
- Arc-typed 40-segment analog bargraph
- Auto power off
- Data hold mode
- Continuity test with beeper
- Diode test

MOUSER STOCK NO.	Price Each
585-DM334	99.95

GoldStar® Test Equipment

EDUCATORS!!!
Mouser Offers Special School Discounts on Goldstar Products.
CALL TODAY...
1-800-633-2246

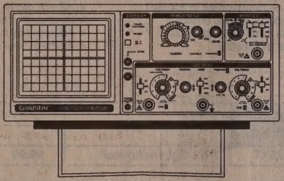
OSCILLOSCOPES

The newest oscilloscopes from Goldstar offer economic choice for high quality. Suitable for use in schools, production, service, and maintenance of consumer products

Common Features:
- 6" rectangular CRT (8x10 DIV)
- Ch2 polarity inversion switch
- High-sensitivity X-Y operation
- Vertical gain sensitivity x5 magnifier
- Horizontal sweep time x10 magnifier
- Automatic focus
- TV sync circuit
- Z-axis (intensity modulation)
- Variable hold-off function
- Level control for superior triggering
- 100V/120V/220V/240V, 50-60Hz, power source
- Meets IEC-348 safety requirement
- Warranty: 2 years

20MHz Dual Trace

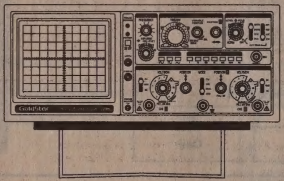
- Economical price
- Max. sweep speed of 20ns/DIV



MOUSER STOCK NO.	Price Each
585-OS-9020A	399.99

20MHz Dual Trace With Function Generator

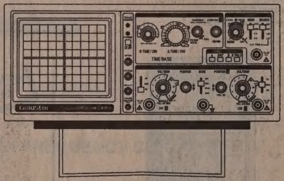
- Built-in function generator
- Max. sweep speed of 20ns/DIV



MOUSER STOCK NO.	Price Each
585-OS-9020G	559.99

40MHz Dual Trace

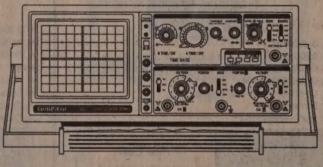
- Max. sweep speed of 20ns/DIV
- Delay sweep function
- Signal delay line
- Scale illumination



MOUSER STOCK NO.	Price Each
585-OS-9040D	729.99

60MHz Dual Trace

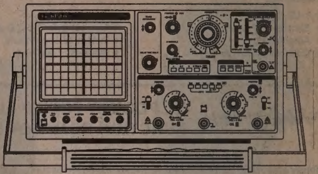
- Max. sweep speed of 20ns/DIV
- Delay sweep function
- Signal delay line
- Scale illumination



MOUSER STOCK NO.	Price Each
585-OS-9060D	839.99

100MHz 3CH-8 Trace

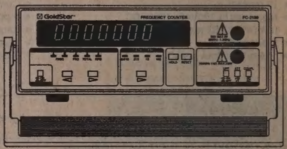
- Intensity adjustment for B-sweep
- 20MHz bandwidth limit
- Max. sweep speed of 2ns/DIV
- Delay sweep function
- Single sweep mode
- Signal delay line
- Ch3 trig view
- Scale illumination



MOUSER STOCK NO.	Price Each
585-OS-8100A	1299.00

FREQUENCY COUNTERS

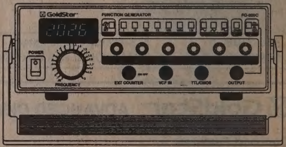
Features:
- Built-in CMOS gate array
- Fast, high-resolution, 8-digit green LED display
- Microprocessor controlled
- Reciprocal technique for low frequency resolution
- Total, RPM function, period
- INT/EXT time base selectable
- AC/DC coupling
- Attenuator (10:1)
- One year warranty



MOUSER STOCK NO.	Description	Price Each
585-FC-2015	150 MHz, 8-digit green LED	259.00
585-FC-2130	1.3 GHz, 8-digit green LED	309.99

FUNCTION GENERATORS

Features:
- Wide frequency range: 0.02Hz to 2MHz
- Versatile waveforms: sine, triangle, square, ramp and pulse, saw-tooth
- Built-in 4-digit green LED display (FG-2002C only)
- Low distortion factor less than 1% at 10Hz to 100KHz
- TTL/CMOS leveled square wave output
- Linear sweep control from 1:1 to 100:1
- Variable symmetry to generate saw-tooth and pulse wave forms
- DC offset control
- Maximum attenuation of 40dB can be obtained
- Output impedance changeable: 50Ω or 600Ω (FG-2002C only)
- One year warranty

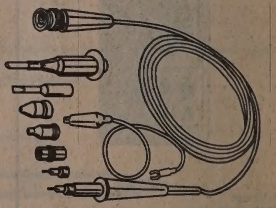


MOUSER STOCK NO.	Description	Price Each
585-FG-8002	2 MHz function generator	199.00
585-FG-2002C	2 MHz function generator with 4-digit green LED	349.00

OSCILLOSCOPE PROBE SET

Each set contains 2 probe kits, overall length is 59 inches

Contents of Each Kit:
- Probe w/ x1/x10 switch setting
- Band width: 100 MHz (x10); 10MHz (x1)
- 1 insulating tip
- 1 spring hook
- 1 trimmer tool
- 1 I.C. tip
- 1 BNC adaptor
- 1 ground lead
- 1 measuring tip



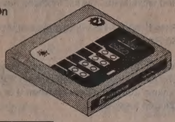
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
585-OS-100A	2 probe kits, overall length is 59 inches	53.76

HOME AUTOMATION CONTROLLERS

Mini Controller

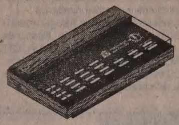
Lets you control up to 8 X-10 Modules at the touch of a button from anywhere in the house. Has "one touch" rocker keys for ease of use. Has All Lights On button and dims lights too.
No wiring necessary - just plug it in.



MOUSER STOCK NO.	Price Each	
	1	3
505-MC460	10.06	9.44

Maxi Controller

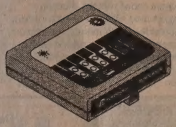
Lets you control up to 16 X-10 Modules at the touch of a button from anywhere in the house. Has All Lights On button and dims lights too. Lets you "group" lights to turn on and dim together.
No wiring necessary - just plug it in.



MOUSER STOCK NO.	Price Each	
	1	3
505-SC503	19.36	18.15

SUNDOWNER™ Control

Built-in photocell turns 4 lights on at dusk and off at dawn - automatically. Also lets you control up to 8 X-10 Modules at the touch of a button from anywhere in the house. Has All Lights On button and dims lights too.

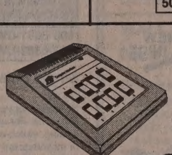


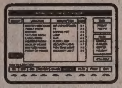
MOUSER STOCK NO.	Price Each	
	1	3
505-SD533	15.49	14.52

HOME AUTOMATION INTERFACE

Interface for IBM

Programmable timer which you program from your computer and then disconnect - it does NOT tie up your computer! Lets you program up to 256 X-10 Modules to go on and off at specific times and dims lights too! Software and cable for IBM included.

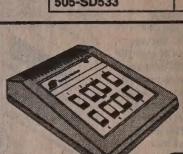




MOUSER STOCK NO.	Price Each	
	1	3
505-CP290P	47.87	44.87

Interface for MAC

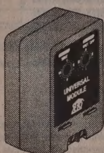
Programmable timer which you program from your computer and then disconnect - it does NOT tie up your computer! Lets you program up to 256 X-10 Modules to go on and off at specific times and dims lights too! Software and cable for Macintosh included.



MOUSER STOCK NO.	Price Each	
	1	3
505-CP290M	47.87	44.87

UNIVERSAL MODULE

Isolated contacts to switch any kind of low voltage load - sprinkler systems, drapery controls etc. Also has a beeper to use as an annunciator. Can be set for momentary or sustained contact closure. (Not compatible with SS5400, HS9000, VS5600 and DS7000 security systems).

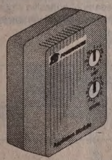


MOUSER STOCK NO.	Price Each	
	1	3
505-UM506	19.36	18.15

Appliance Module

For controlling an air conditioner, TV, stereo, etc. anywhere in the home. Rated 15A for heaters, coffee pots etc.; 1/3 H.P. for motors; 400W for TV's; 500W for lamps (because of the in-rush current from a cold lamp). No wiring necessary - just plug it in.

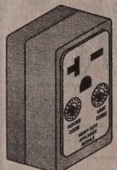
- 2 pin
- Color: ivory



MOUSER STOCK NO.	Price Each	
	1	3
505-AM486	12.59	11.81

20 AMP Appliance Module

For 220V appliances such as room air conditioners and water heaters. For single split phase wiring only (not three phase).



- Color: ivory

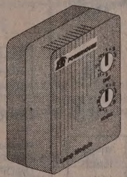
MOUSER STOCK NO.	Price Each	
	1	3
505-HD245	19.36	18.15

UNIVERSAL MODULE

Lamp Module

Can be dimmed and brighten from any X-10 Controller. Responds to "All Lights On". Rated for 300 watt incandescent lamps only. No wiring necessary - just plug it in.

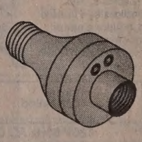
- Color: ivory



MOUSER STOCK NO.	Price Each	
	1	3
505-LM465	12.59	11.81

Screw in Lamp Module

The Screw-in Remote Controlled Dimmer Module receives signals from X-10 Timer or Remote Controls and turns on its connected light.



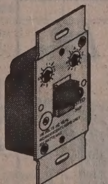
MOUSER STOCK NO.	Price Each	
	1	3
505-SL575	14.51	13.61

HOME AUTOMATION MODULES

Wall Switch Module

For controlling important indoor and outdoor security lights. Replaces your existing wall switch and installs like a regular dimmer. Can be dimmed and brightened from any X-10 Controller. Rated for 500W incandescent lamps only.

- Color: ivory

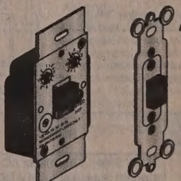


MOUSER STOCK NO.	Price Each	
	1	3
505-WS467	12.59	11.81

3-Way Wall Switch

For controlling a light which is presently controlled by two switches. Same features as 505-467WS.

- Color: ivory



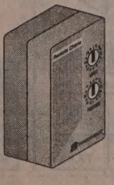
MOUSER STOCK NO.	Price Each	
	1	3
505-WS4777	16.78	15.74

HOME AUTOMATION MODULES

Remote Chime

Works with the PR511 Motion Detector. Chimes when someone approaches your home. Can also be used with other X-10 Controllers as an annunciator.

- Color: ivory

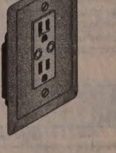


MOUSER STOCK NO.	Price Each	
	1	3
505-SC546	19.36	18.15

Wall Receptacle

Replaces your existing wall receptacle. The top receptacle functions like an Appliance Module and the bottom receptacle is a regular outlet. Rated for 15A unconditional, i.e. it will control ANY appliance which would normally plug into a regular AC wall outlet.

- Color: ivory



MOUSER STOCK NO.	Price Each	
	1	3
505-SR227	16.78	15.74

LEVITON

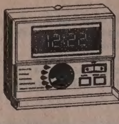
Home Automation Products

Fully Compatible Upgrade to X-10 and Other X-10 Based Systems

DELUXE WALL MOUNTED PROGRAMMER

NEW IN'95

Automatically carries out 7-day scheduling up to 63 program sequences. Each program sequence may switch from 1-16 individual address codes either ON or OFF. Permits manual switching of all 256 address codes without affecting programmed schedules. Battery back-up provides 5 day memory protection in case of power interruption (with fresh batteries). Surface mounts on standard single gang wallbox. Color: white. Power Consumption: 2 watts

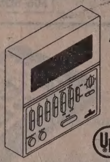


MOUSER STOCK NO.	Rated	Price Each
503-6311-W	120V 60Hz AC only	271.10

BASIC WALL MOUNTED PROGRAMMER

NEW IN'95

Accepts up to four addresses; maximum two ON and two OFF commands per address. Security mode randomly selects ON and OFF times to make an empty home appear occupied. LED readout shows time and program status; battery back-up protects clock setting and program status for ten hours during power interruption. Color: White Power Consumption - 2.5 watts max.

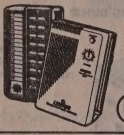


MOUSER STOCK NO.	Rated	Price Each
503-6312-W	120V 60 Hz AC Only	86.40

HAND-HELD CONTROLLER / PLUG-IN TRANSCEIVER

NEW IN'95

Permits operations of lights and appliances from up to 75 feet away without wires. Transceiver has a built-in appliance module.

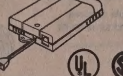


MOUSER STOCK NO.	Color	Description	Price Each
503-6313	Black	Controller	26.00
503-6314	Ivory	Transceiver	40.90

TELEPHONE TRANSPONDER

NEW IN'95

Allows the user to control an entire network from anywhere in the world using a touch-tone telephone. The Transponder also functions as a isolated contact module and includes a pair of low-voltage wire screw terminals. The Transponder confirms all commands with a simulated human voice.

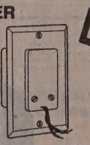


MOUSER STOCK NO.	Rated	Price Each
503-6325	120V 60Hz AC Only	91.00

INTERFLASH CONTROLLER

NEW IN'95

Automatically sends blinking ON/OFF signals to all system Switch Modules set to the same letter code and Receptacle Modules set to the same Letter and Number Code as the Interflash. Power Consumption: 2 watts

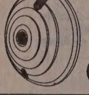


MOUSER STOCK NO.	Rated	Price Each
503-6326	Line Side: 120V 60Hz AC Only Control Side: Up to 24V DC Only	122.50

PHOTOCELL CONTROLLER

NEW IN'95

Automatically sends ON commands to as many as four groups of switch modules controlling indoor or outdoor lighting in response to dusk or darkness. Color: granite gray



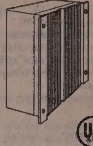
MOUSER STOCK NO.	Rated	Price Each
503-6308	120V 60Hz AC only	54.30

POWER LINE CARRIER RECEIVER MODULES

NEW IN'95

2400 Watt Dimmer Module

Full range dimming for up to 2,400 watt lighting loads. Unit is surface mounted to control entire circuits or selected incandescent, tungsten halogen (quartz iodine) or low voltage loads. Responds to ALL LIGHTS ON, ALL OFF, ON, OFF, DIM, and BRIGHTEN commands from DEC transmitters. Housed in mounting box with terminal strip wiring.

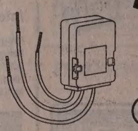


MOUSER STOCK NO.	Rated	Price Each
503-6290	2400W 2400 VA 120V 60Hz AC only	442.70

Dimming Fixture Module

NEW IN'95

Can be mounted at an incandescent fixture by means of adhesive strips. Responds to ON/OFF, DIM/BRIGHTEN and ALL LIGHTS ON/ALL OFF commands from controllers. Equipped with leads for easy installation.



MOUSER STOCK NO.	Rated	Price Each
503-6376	300W (incandescent only) 120V 60Hz AC only	70.80

Fixture Relay Module

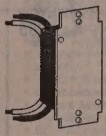
Can be mounted at either an incandescent or fluorescent fixture by means of adhesive strips. Responds to ON/Off and ALL LIGHTS ON/ALL OFF commands from controllers. Equipped with leads for easy installation.

MOUSER STOCK NO.	Rated	Price Each
503-6375	5A (resistive of inductive only) 120V 60Hz AC only	70.80

Signal Bridge

NEW IN'95

Installation of a signal bridge helps assure sufficient signal strength throughout 3-wire systems. Signal bridge couples the command signal onto the 120V legs of the power system to ensure adequate signal strength throughout the command network. Use of 6299 is recommended for all installations.



MOUSER STOCK NO.	Rated	Price Each
503-6299	Assures ample signal strength	52.50

WALL SWITCHES

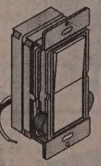
NEW IN'95

Incandescent Dimming Modules

Single-pole switch controls incandescent lighting with both manual and remote switching and full-range dimming capability. Wires easily into any standard wall box with attached six-inch black and blue leads. White device packed with snap-on kit for ivory. Has built-in RFI filter.

Rated: 500 watts maximum 60 watts minimum, 120V 60 Hz AC only

NOTE: When two units are ganged together, each unit should not be loaded beyond 400 watts - not beyond 300 watts per unit when 3 or more are ganged together.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Color	Price Each
503-6381-WI	Dimming module	Wh/Ivory	44.70
503-6383-WI	3-way dimming	Wh/Ivory	77.80

WALL SWITCHES (con't)

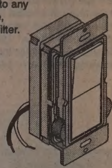
Low Voltage Dimming Module

NEW IN'95

Single-pole switch controls residential ceiling fans, incandescent and low-voltage lighting with both manual and remote switches, and full range dimming capability. Suitable for use with magnetic transformers and motors. Wires easily into any standard wall box with attached six-inch black, blue, and white leads. Switch modules have built-in RFI filter.

Rated: 500W-125V incandescent, 500VA inductive 60 Hz AC only

NOTE: When two units are ganged together, each unit should not be loaded beyond 400 watts - not beyond 300 watts per unit when 3 or more are ganged together.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Color	Price Each
503-6381-UWI	Low volt dimming	Wh/Ivory	69.10
503-6383-UWI	3-way low volt	Wh/Ivory	104.10

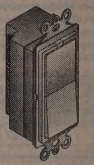
Single Pole and 3-Way Wall Switch (Non-Dimming)

NEW IN'95

Switching control without dimming capability. For use with fluorescent lighting, switch-controlled appliances, or incandescent lighting where dimming is not desired. White device packed with snap-on kit for ivory.

Rated: 20A 120V 60 Hz AC only incandescent, inductive or resistive

NOTE: Requires a neutral (white) wire to operate.



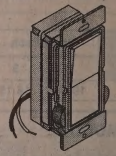
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Color	Price Each
503-6291-WI	Single pole	Wh/Ivory	61.80
503-6293-WI	3-way master	Wh/Ivory	87.50

3 and 4 Way Wall Switch Slave Modules (For All 3-Way Leviton Master Modules)

NEW IN'95

Provides additional control points in 3-way and 4-way incandescent, inductive or resistive wiring applications.



For quantities greater than listed, call for quote.

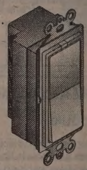
503-6294-I	Slave module	Ivory	26.20
503-6294-W	Slave module	White	26.20
503-6294-A	Slave module	Almond	26.20

Double Pole 250V Switch Module

NEW IN'95

Provides manual and remote ON/OFF control. Responds to ON/OFF, and ALL ON/ALL OFF commands from controllers. Intended for use with large residential loads. Wires into standard wall box with 6"leads.

Rated: 20A 250V 60 Hz AC only 2 HP

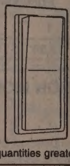


503-6371-I	Double pole	Ivory	111.70

SWITCH MODULE SNAP-ON ROCKERS AND FRAMES

NEW IN'95

Snap-on rocker / frame kit for switch modules. Change switches to gray or almond.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Color	Price Each
503-6081-GY	For all 6381 & 6383	Gray	5.20
503-6081-A	For all 6381 & 6383	Almond	5.20
503-6091-GY	For all 6291 & 6293	Gray	5.20
503-6091-A	For all 6291 & 6293	Almond	5.20

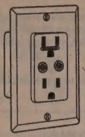
LEVITON Home Automation Products

Fully Compatible Upgrade to X-10 and Other X-10 Based Systems

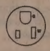
WALL RECEPTACLES

Duplex Wall Receptacle Module (1 Outlet Controlled)

Top outlet provides ON/OFF control response to controller command signals. Bottom outlet is continuously live. Will not respond to ALL LIGHTS ON command. Fits standard wall boxes, supplied with decorator wallplate, and provided with leads for easy installation.



NEW IN'95



NEMA 5-15R

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Color	Price Each
503-6227	15A 120V 60Hz AC only	Brown	36.50
503-6227-I	15A 120V 60Hz AC only	Ivory	36.50
503-6227-W	15A 120V 60Hz AC only	White	36.50

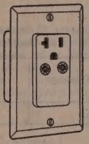
Duplex Wall Receptacle (Both Outlets Controlled)

Duplex receptacle, same as 6227 but with both top and bottom outlets providing ON/OFF control response to one controller command signal. Feed-through load lead allows control of receptacles downstream. Will not respond to ALL LIGHTS ON command.

503-6280-I	15A 120V 60Hz AC only	Ivory	54.20
503-6280-W	15A 120V 60Hz AC only	White	54.20

20A Single Wall Receptacle Module

Provides ON/OFF control. Local control not possible using this unit. Wires easily into standard wall box using six-inch leads supplied. Packaged with matching decorator wall plate. Will not respond to ALL LIGHTS ON command.



NEW IN'95

NEMA 5-20R

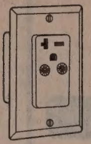
503-6296-I	20A 120V 60Hz AC only	Ivory	63.00
503-6296-W	20A 120V 60Hz AC only	White	63.00

WALL RECEPTACLES (con't)

250V Single Wall Receptacle Module

NEW IN'95

Provides ON/OFF control. Local control not possible using this unit. Wires easily into standard wall box using six-inch leads supplied. Packaged with matching decorator wall plate. Will not respond to ALL LIGHTS ON command.



NEMA 6-20R

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Color	Price Each
503-6298-I	20A 250V 60Hz AC only	Ivory	80.50
503-6298-W	20A 250V 60Hz AC only	White	80.50

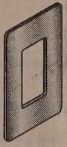
WALL PLATES

Screwless Snap-On Wallplates

NEW IN'95

Features:

- Decora-compatible-two piece kit allows easy retrofit to any DECORA installation
- Impact-resistant thermoplastic stands up to abuse and cleaning solutions
- Backed by a limited ten-year warranty



MOUSER STOCK NO.	Number of Ganges	Color	Price Each
503-80301	1	Mahogany	4.77
503-80301-I	1	Ivory	4.77
503-80301-W	1	White	4.77
503-80301-GY	1	Gray	4.77
503-80301-E	1	Ebony Black	4.77

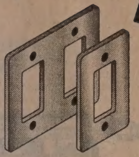
WALL PLATES (con't)

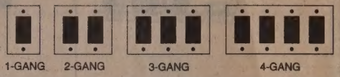
Decora / GFCI

NEW IN'95

Features:

- Individual plastic wrapping to protect surface
- Full compliance with NEMA standard WD-1 and cleaning solutions
- Backed by a limited ten-year warranty





MOUSER STOCK NO.	Number of Ganges	Color	Price Each
503-80401	1	Brown	.61
503-80401-I	1	Ivory	.61
503-80401-W	1	White	.61
503-80401-GY	1	Gray	.61
503-80401-E	1	Black	.61
503-80409	2	Brown	1.47
503-80409-I	2	Ivory	1.47
503-80409-W	2	White	1.47
503-80409-GY	2	Gray	1.47
503-80409-E	2	Black	1.47
503-80411	3	Brown	2.96
503-80411-I	3	Ivory	2.96
503-80411-W	3	White	2.96
503-80411-GY	3	Gray	2.96
503-80411-E	3	Black	2.96
503-80412	4	Brown	5.77
503-80412-I	4	Ivory	5.77
503-80412-W	4	White	5.77
503-80412-GY	4	Gray	5.77
503-80412-E	4	Black	5.77

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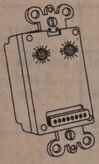

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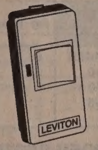

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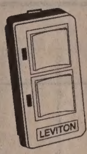

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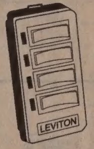


WALL MOUNTED AREA CONTROLLERS

Uni-Base Wall Mounted Controller Body

Uni-Base accepts any of the no. 6450 series controller faces. LED indicator lights alongside each keypad on the 6450 series controller face show the last ON or OFF signal transmitted to that keypad's address. All 6450 series faces are provided with pre-printed press-on labels to identify fixture(s) controlled by keypad(s), and a clear plastic cover that protects the face and labels.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Rated	Power Consumption	Price Each
503-6400	A	125 VAC 60Hz	2 watts	64.00

One Button Uni-Base Face

ON/OFF - provides manual ON/OFF control for one address.
ALL ON/ALL OFF - provides ALL LIGHTS ON control to all switch and fixture modules on the same letter code, and ALL UNITS OFF control to all DEC modules operating on the same letter code.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Color	Price Each		
				1	10	20
503-6450-1	B	ON/OFF	Ivory	17.80	15.48	14.45
503-6450-1AL	B	ON/OFF	Almond	17.80	15.48	14.45
503-6450-1W	B	ON/OFF	White	17.80	15.48	14.45
503-6450-1A	B	ALL ON/ALL OFF	Ivory	17.80	15.48	14.45
503-6450-1AA	B	ALL ON/ALL OFF	Almond	17.80	15.48	14.45
503-6450-1AW	B	ALL ON/ALL OFF	White	17.80	15.48	14.45

Two Button Uni-Base Face

All devices are UL listed and CSA certified

ON/OFF - provides manual ON/OFF control for two sequential addresses in the same letter code.
ON/OFF, DIM/BRIGHTEN - one keypad provides manual ON/OFF control and the other keypad provides incandescent DIM/BRIGHTEN control for one address

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Color	Price Each		
				1	10	20
503-6450-2	C	ON/OFF	Ivory	17.80	15.48	14.45
503-6450-2AL	C	ON/OFF	Almond	17.80	15.48	14.45
503-6450-2W	C	ON/OFF	White	17.80	15.48	14.45
503-6450-2D	C	ON/OFF, DIM/BRIGHTEN	Ivory	17.80	15.48	14.45
503-6450-2DA	C	ON/OFF, DIM/BRIGHTEN	Almond	17.80	15.48	14.45
503-6450-2DW	C	ON/OFF, DIM/BRIGHTEN	White	17.80	15.48	14.45

Four Button Uni-Base Face

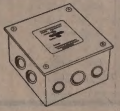
ON/OFF - provides manual ON/OFF control for four sequential addresses in the same letter code.
ALL ON/ALL OFF - Three keypads provide manual ON/OFF control for three sequential addresses in the same letter code. One keypad provides ALL LIGHTS ON control to all switch and fixture modules on the same letter code, and ALL UNITS OFF control to all DEC modules operating on the same letter code.
ON/OFDF, DIM/BRIGHTEN - Three keypads provide manual ON/OFF/DIM/FADE control for three sequential addresses in the same letter code. One keypad provides incandescent DIM/BRIGHTEN control for the same three addresses.

503-6450-4	D	ON/OFF	Ivory	17.80	15.48	14.45
503-6450-4AL	D	ON/OFF	Almond	17.80	15.48	14.45
503-6450-4W	D	ON/OFF	White	17.80	15.48	14.45
503-6450-4A	D	ALL ON/ALL OFF	Ivory	17.80	15.48	14.45
503-6450-4AA	D	ALL ON/ALL OFF	Almond	17.80	15.48	14.45
503-6450-4AW	D	ALL ON/ALL OFF	White	17.80	15.48	14.45
503-6450-4D	D	ON/OFDF, DIM/BRIGHTEN	Ivory	17.80	15.48	14.45
503-6450-4DA	D	ON/OFDF, DIM/BRIGHTEN	Almond	17.80	15.48	14.45
503-6450-4DW	D	ON/OFDF, DIM/BRIGHTEN	White	17.80	15.48	14.45

TRANSIENT VOLTAGE SURGE SUPPRESSOR

5100 Series Branch Panel Mount TVSS protects homes, condominiums, and small businesses from high-energy, high-voltage transients. UL listed 1449. Units have EMI / RFI noise filtering circuitry and diagnostic indicators of TVSS protection status. Standard J-Box metal enclosure with pre-punched knockouts and interior UL approved plastic circuit enclosure can be easily flush-mounted in frame construction.

Rating: 503-51120-1: 120/240V AC 1 phase, 3-wire and ground
503-51120-3: 120/208V AC 3 phase WYE, 4-wire and ground



MOUSER STOCK NO.	Price Each
503-51120-1	216.40
503-51120-3	277.50

TRIPP LITE

Power Conditioning Equipment

A

B

C

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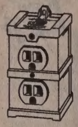

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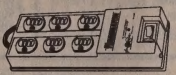

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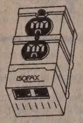

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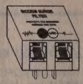

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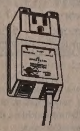

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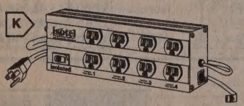

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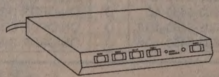

ISOBAR® PREMIUM SURGE SUPPRESSORS

Specifications:

- Up to **$25,000 Ultimate Lifetime Insurance** covers Isobar and connected equipment for life
- Isolated filter banks eliminate interference between connected equipment
- Cascade circuitry increases noise filtering from outlet to outlet, allowing you to choose greater protection for more sensitive equipment
- Handles up to 13,000 spikes with instantaneous clamping
- **Ultra Models** feature advanced diagnostic LED's to alert you to improper outlet wiring, loss of AC power and damage to protection circuitry

UL Listed

MOUSER STOCK NO.	Fig.	Outlets	Description	Ultimate Coverage	Price Each
545-SS001	A	2	Direct plug in, Isoblok 2-0	$10,000	48.00
545-SS002	A	2	6 ft. power cord, Isobar 2-6	$10,000	59.95
545-SS003	A	4	6 ft. power cord, Isobar 4	$10,000	79.95
545-SS004	A	6	6 ft. power cord, Isobar 6	$10,000	99.95
545-IBAR8RM	A	8	Remote lighted power switch, 6 ft. cord	$10,000	129.50
545-IBAR12	A	12	Rack mount, 12 ft. 14GA AC cord	- - - - -	149.00
545-SS005	A	2	Direct plug in, Isobar Ultrablok 428	$10,000	59.95
545-SS006	A	2	Direct plug in, Isobar Ultracopy	$10,000	79.95
545-SS007	A	2	Direct plug in, Isobar Ultracoax	$10,000	69.95
545-SS008	A	4	6 ft. power cord, Isobar 4 Ultra	$25,000	89.95
545-SS009	A	6	6 ft. power cord, Isobar 6 Ultra	$25,000	104.95
545-SS010	A	8	12 ft. power cord, Isobar 8 Ultra	$25,000	119.95
545-SS011	A	4	6 ft. power cord, Isotel 2 RJ11 jacks	$10,000	99.95
545-SS012	A	2	Direct plug in 2 RJ11 jacks, Isobar Ultrafax	$10,000	69.95
545-SS013	A	6	6 ft. cord, 2 RJ11 jacks, Isotel 6 Ultra	$25,000	114.95

ECONOMY SURGE SUPPRESSORS

Spike Stik-Economical, effective 6 outlet spike, and noise suppressor, 15 amp capacity. Handles up to 70 joule spikes at current levels up to 6,500 amps. On/off switch, 6 ft. cord. Responds in 5 nanoseconds.

MOUSER STOCK NO.	Fig.	Outlets	Circuit Breaker	Warranty	Price Each	
					1	2
545-STIK	B	6	15A	1 year	24.95	Call

ECONOMY SURGE SUPPRESSORS

* $5,000 Ultimate Lifetime Insurance covers connected equipment for life; 5 year product warranty
** $10,000 Ultimate Lifetime Insurance covers TR 6 and connected equipment for life

MOUSER STOCK NO.	Fig.	Outlets	Description	Warranty	Price Each	
					1	2
545-STRIKER	B	6	General purpose, 4 ft. cord	1 year	17.95	
545-SK6-0	C	6	Direct plug in	2 year	29.95	Call For Quote
545-PP2-0	D	2	Direct plug in, 5 sec. delay	2 year	54.95	
545-SK6-6	E	6	6 ft cord	*	49.95	
545-TR6	F	6	RFI/EMI filtering, 6 ft. cord	**	59.95	

FAX MODEM PROTECTORS

Features 2 Isobar protected AC outlets, and 2 RJ45 jacks.
UL listed 1449 and 497A.

MOUSER STOCK NO.	Fig.	Outlets	Price Each	
			1	2
545 ISOFAX	G	2	64.95	Call

DATALINE AND FAX MODEM PROTECTORS

† Units are direct plug-in
* $500 Ultimate Lifetime Insurance covers connected equipment; 2 year product warranty

MOUSER STOCK NO.	Fig.	Description	Warranty	Price Each	
				1	2
† 545-MP	H	Spike/noise protection for 1 dataline	2 year	19.95	Call For Quote
† 545-SMP	I	1 outlet protect, 1 AC and dataline	*	34.95	
545-TSB	J	3 stage modem/fax line protection	2 year	59.95	

DATALINE PROTECTORS

Ideal for multimedia applications, isolated filter banks, fax/modem protection, and diagnostics.

MOUSER STOCK NO.	Fig.	Outlets	Cord Length	Price Each	
				1	2
545 ISTL8MULT	K	8	12 feet	134.95	Call

COMMAND CONSOLE UNDER-MONITOR SURGE PROTECTOR

Specifications:

- **$10,000 Ultimate Lifetime Insurance** covers connected equipment for life
- 6 outlets controlled by a master switch and 4 individual switches give you fingertip control over your entire system
- Rugged metal housing supports the heaviest monitors and shield from ambient RFI/EMI noise interference
- "Plus" model features RJ11 jacks modem/fax protection

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	2
545-CCI-6	L	Under monitor surge/noise protector	124.95	Call For Quote
545-CCI-6PLUS	L	Same as above with modem/fax protection (RJ11 jacks)	139.00	

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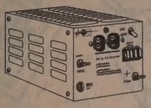

NOTE: This product is not covered on the Ultimate Lifetime Warranty

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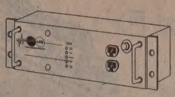

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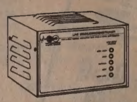

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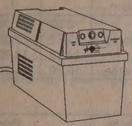

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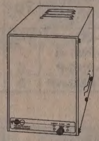

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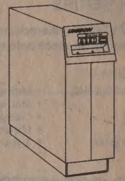


DC TO AC INVERTERS

Solid state power inverters convert 12VDC into 120VAC (60Hz). Simply plug your computer, ax, or appliance into your inverter. Operates on any 12 volt DC battery with the exception of ne FC/24 which operates on a 24 volt DC power source.

Select an inverter with a wattage rating equal to or greater than the wattage required to power your device(s).

Specifications:

Convert 12 volt DC power into 120 volt AC 60Hz

(FC) frequency controlled models double wattage for short periods to handle the start-up power requirements of large loads

PV125 "Lap Power" plugs into lighter plug for portable business applications

One (1) year warranty

Plugs into lighter socket

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Outlets	Watts (Cont.)	Watts (Peak)	Description and Suggested Applications	Price Each
545-PV125	A	1	125	150	Lap top computers, faxes, charging	89.00
545-PV200	A	1	200	220	Small hand tools	109.00
545-PV400	A	1	400	440	1/4" drills, B/W TV's	159.00
545-PV550	A	2	550	600	3/8" drills, 25" color TV's	229.00
545-PV750B	A	2	750	1500	1/8 HP motors, 20A battery charger	479.00
545-PV300FC	A	1	300	600	Tools, computers, 1/8 HP motor	239.00
545-PV600FC	A	2	600	1200	Sump pumps, refrigerators	350.00
545-PV750FC	A	2	750	1500	Sump pumps, refrigerators	389.00
545-PV1000FC/24	A	2	1000	1100	Truck accessories	559.00
545-PV1200FC	A	2	1200	2400	Microwaves, 1/2 HP motors	599.00
545-EPG1200	A	4	1200	1500	Standard inverter, 20A batt. charger	639.00
545-SB1000G	A	2	1000	1100	Frequency controlled ground fault interrupter	799.00

RACK MOUNT LINE CONDITIONERS

ack Mount line conditioners are the perfect answer to power fluctuations from medical laboratories, to recording / roduction studios. The industrial strength circuitry in an efficient, rack mount design lets you run micro processor nd sensitive electronic equipment wherever regulated voltage is critical. Conforms to ANSI C84.1 specifications for oltage output.

Ultimate Lifetime insurance up to $25,000.00

MOUSER STOCK NO.	Fig.	Outlets	Description	Price Each	
				1	2
545-LCR2400	B	14	2400 watts ISOBAR Protection	459.00	Call

LINE CONDITIONERS

Specifications:

Up to $25,000 Ultimate Lifetime Insurance covers connected equipment for life; 2 year product warranty

Surge, spike and noise filtering on all models

Automatically adjusts the widest range of incoming voltage (from 87 to 140 volts) back to 120 VAC nominal output (within ANSI C84.1 specifications)

MOUSER STOCK NO.	Fig.	Outlets	Description	Price Each	
				1	2
545-LS600	C	2	600 watts, low voltage regulation only	129.00	Call For Quote
545-LS604	C	4	600 watts, low and high voltage regulation	159.00	
545-LC1200	C	4	1200 watts, ISOBAR® protection	249.00	
545-LC1800	C	6	1800 watts, ISOBAR® protection	339.00	
545-LC2400	C	6	2400 watts, ISOBAR® protection	399.00	

BC SERIES UPS SYSTEMS

The BC series protects your computers, and net works form power failures, brownouts, surges, and line noise. Software and cabling available for all LAN systems.

Specifications:

- **$25,000 Ultimate Lifetime Insurance** covers connected equipment for life; 2 year product warranty
- Larger batteries for longer battery life and backup times
- "LAN" models support unattended network shutdown of virtually any network operating system
- Built-in spike and RFI/EMI noise filtering
- Regulated battery charger
- Longest back up time in the industry
- No installation required
- Two millisecond phase locked transfer
- Audible AC line warning alarm, except on 545-BC250

* UL Listed only

MOUSER STOCK NO.	Fig.	Outlets	Output Cap. VA	Back-up Time 1/2 Load Min.	Weight (lbs)	Price Each	
						1	2
545-BC250	D	2	250	18	15	139.00	Call For Quote
545-BC400	D	2	400	15	20.5	189.00	
545-BC500	D	4	500	21	24	244.00	
545-BC500LAN	D	4	500	21	24	254.00	
545-BC600LAN	D	4	600	21	26	339.00	
545-BC750LAN	D	4	750	15	41	439.00	
545-BC900LAN	D	4	900	24	41	489.00	
545-BC1250LAN	D	4	1250	27	70	659.00	
* 545-BC4000LAN	D	8	4400	35	318	3295.00	

OMNIPOWER UPS

Offers enhanced power protection for most any power problems, including blackouts, brownouts, and prolonged over voltage. Instead of switching to battery power during low voltage conditions, Omni Power automatically raises voltage sags to a safe and steady 115 volts. This conserves battery power for blackouts. Units are LAN compatible.

- **$25,000 Ultimate Lifetime Insurance** covers connected equipment for life; 2 year product warranty
- All the great features of the BC Series UPS systems including surge and line noise suppression
- Four separate levels of voltage correction automatically adjusts to the widest range of incoming voltage (87 and up to 140 volts) back to 120 VAC nominal output
- All models feature a LAN port to support the unattended shutdown of virtually any network operating system
- The lowest priced line interactive UPS industry-wide!

* UL Listed only

MOUSER STOCK NO.	Fig.	Output VA	Outlets	Back-up Time 1/2 Load Min.	Price Each	
					1	2
545-OMNI450	E	450	4	34	379.00	Call For Quote
545-OMNI600	E	600	4	34	419.00	
545-OMNI750	E	750	4	35	529.00	
545-OMNI900	E	900	4	35	609.00	
545-OMNI1250	E	1250	4	27	799.00	
* 545-OMNI2000	E	2000	4	35	1369.00	

UNISON ON-LINE, SINE WAVE UPS

The PS series is housed in a low profile cabinet. Its unique lighting illuminates your keyboard during blackouts. The continuously regulated output will operate without battery down to 90 volts (during brownouts) while eliminating spikes and line noise. The MPS series has the same features as the PS series and is housed in a lower design with the smallest footprint in its class. This allows operation on soft AC lines.

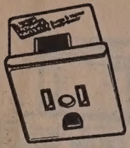
Ultimate Lifetime Insurance up to $100,000.00.

* $75,000 Ultimate Lifetime Insurance

MOUSER STOCK NO.	Fig.	Outlets	Output Cap. VA / Watts	Back-up Time 1/2 Load Min.	Weight (lbs)	Price Each	
						1	2
* 545-PS4.5	F	4	450 / 300	15	28	599.00	Call For Quote
* 545-PS6.0	F	4	600 / 400	15	33	799.00	
* 545-PS9.0	F	4	900 / 600	10	37	999.00	
545-MPS1200	F	4	1200 / 840	22	56	1399.00	
545-MPS1500	F	4	1500 / 1050	22	64	1999.00	

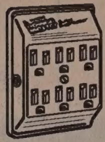
SL WABER® Surge Suppressors

A



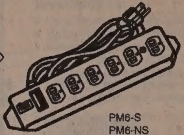
PM1
PM1-N

B



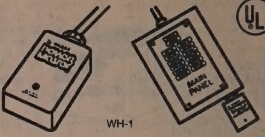
PM6-P
PM6-NP

C



PM6-S
PM6-NS

D



WH-1

POWER MASTER SERIES

Designed to protect TV's, VCR's, stereos, microwave ovens, computers and other sensitive electronic equipment.

General Specifications:

- Electrical rating: 15A 125VAC, 60HZ, 1875W, continuous duty
- Type cord: 14/3 SJT
- Case color: beige
- Rating per UL 1449: 400V (H-N)
- Modes of surge suppression: H-N, H-G, N-G
- Max surge current: 4500A
- Clamping response time: <1 nS.
- Maximum energy dissipation: 90 joules (2x45)
- 1-year limited warranty

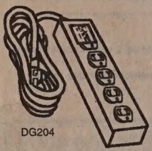
MOUSER STOCK NO.	Fig.	No. of Outlets	Mounting Type	Surge Indication	Modes of Noise Rejection	Price Each			
						1	5	10	25
554-PM1	A	1	Wall Mount	Visual	- - - - -	8.30	7.89	7.47	Call For Quote
554-PM1-N	A	1	Wall Mount	Visual	Transverse	12.50	11.88	11.25	
554-PM6-P	B	6	Wall Mount	Visual	- - - - -	14.13	13.42	12.72	
554-PM6-NP	B	6	Wall Mount	Visual	Transverse	16.20	15.39	14.58	

WHOLE HOUSE SURGE ARRESTER

- Max energy dissipation: 275 joules/phase
- Max surge current: 26,500A
- 3-year limited warranty
- Clamp response time: <1 nS.
- Modes of surge protection: H1-N, H2-N

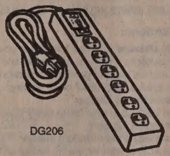
MOUSER STOCK NO.	Fig.	No. of Outlets	Mounting Type	Surge Indication	Modes of Noise Rejection	Price Each			
						1	6	12	24
554-PM6-S	C	6	Strip w/6' Cord	Visual	- - - - -	20.83	19.79	18.75	Call For Quote
554-PM6-NS	C	6	Strip w/6' Cord	Visual	Transverse	23.98	22.78	21.58	
554-WH1	D	- - - - -	Panel Mount	Visual	- - - - -	64.72	61.48	58.25	

A



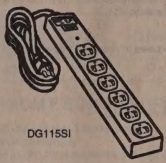
DG204

B



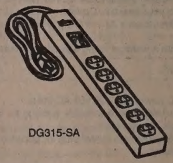
DG206

C



DG115SI

D



DG315-SA

DATAGARD SERIES (Surge and Noise Suppressors)

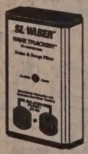
DG315-SA designed for large office and industrial applications where noise is a critical factor. DG115-/SI designed to protect computers, P.O.S. terminals, and other equipment containing sensitive microprocessors. DG204 and DG206 provide economical protection for general office equipment like typewriters, word processors and calculators.

Specifications:

- Protection: 15A circuit breaker
- Lifetime warranty
- 3 line voltage surge protection
- Ensures that equipment is isolated from transients on all incoming power lines
- Rating per UL 1449: 400V
- Modes of surge suppression: H-N, H-G, N-G
- Max surge current: 6500A
- Clamping response time: <1 nS.
- Maximum energy dissipation: 210 joules (3x70)
- Case color: beige
- Type cord: 14/3 SJT
- Electrical rating: 15A,125VAC, 60Hz, 1875W, continuous duty

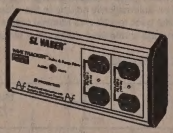
MOUSER STOCK NO.	Fig.	No. of Outlets	Type	Surge Indication	Modes of Noise Rejection	Price Each			
						1	6	12	24
554-DG204	A	4	Strip w/6' Cord	- - - - -	None	21.94	20.84	19.75	Call For Quote
554-DG206	B	6	Strip w/6' Cord	- - - - -	None	26.35	25.00	23.72	
554-DG115-SI	C	6	Strip w/6' Cord	Visual	Transverse	43.94	41.74	39.55	
554-DG315-SA	D	6	Strip w/6' Cord	Audible	Transverse & Common	61.53	58.45	55.38	

A



Wall Plug-In

B



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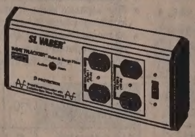

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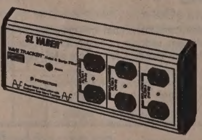

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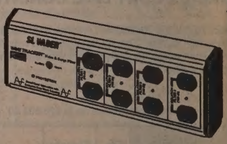


WAVE TRACKER™ NOISE AND SURGE FILTER

Features **Sine Wave Tracking** (which reduces the magnitude of the transient) and **Isolated Surge & Noise Protection** (which prevents interference between devices plugged into the same unit). **Series Noise Filtration** allows user to determine how much noise protection is necessary (75dB to 125dB). Backed by Waber's **Lifetime Connected Equipment Warranty**.

Specifications:

- Maximum Ratings: 15A, 125VAC, 60Hz
- Load: 1875W continuous
- Maximum surge voltage: 6,000V
- Clamping response time: 1 psec. (typ.)
- Operating temperature: -13°F to 140°F
- Circuit breaker: 15A
- UL 1449 rating: 330V
- Modes of protection: H-N, H-G, N-G
- Power cord: SJT 14/3
- Noise frequency: 150KHz to 100MHz
- Noise rejection: transverse and common

Features:

- Audible and visual surge indicators
- Patented 3 stage protection (MOV, Gas Tube, Silicon Avalanche Diode)
- NEMA 5-15 plug and receptacles
- Exceeds ANSI/IEEE C62.41-1980 (IEEE 587-1980)
- Cord length: 6ft. (except WT2P)
- Color: silver aluminum housing, black receptacles, end caps and cord

✻ Offers telecommunication line protection (RJ11

MOUSER STOCK NO.	Fig.	No. of Outlets	Noise Filtration				Max. Energy Dissipation (H-N)	Max. Surge Current (H-N)	Price Each
			1st	2nd	3rd	4th			
554-WT2P	A	2	75dB	- - - - -	- - - - -	- - - - -	485J	33,025A	59.95
554-WT4	B	4	75dB	100dB	- - - - -	- - - - -	555J	39,525A	94.95
✻ 554-WT4M	C	4	75dB	100dB	- - - - -	- - - - -	555J	39,525A	114.95
554-WT6	D	6	75dB	100dB	110dB	- - - - -	625J	46,025A	114.95
554-WT8	E	8	75dB	100dB	110dB	125dB	695J	52,525A	129.95

SL WABER® UPS Systems, Outlet Strips, and Cord Protectors

UPS SYSTEMS

Only Waber's UPS 250 and 500 have built-in microprocessors to ensure greater efficiency and accuracy in AC sine-wave simulation. Plus, the computer system "checks" to see if the UPS is overloaded and warns you if you would have too much draw during a brownout or blackout.

Features:

- State of the art technology
- Protection against blackouts, brownouts, and high line conditions
- UL and CSA certified
- Lightweight compact size
- User replacement batteries
- Full recharge time ≤ 2 hours
- Automatic self-testing

Field Replacement Batteries:

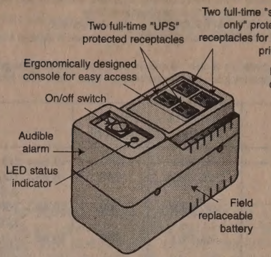
- 554-BP250 for UPS250
- 554-BP500 for UPS500

2 year/$25,000 Connected Equipment Warranty

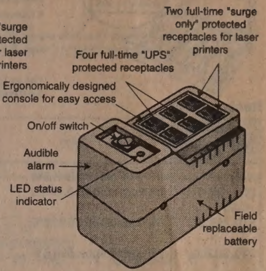
MOUSER STOCK NO.	Description	Weight (Lbs.)	Price Each
554-UPS250	250 VA, 6 outlet (2 "UPS", 4 "surge only")	7	149.00
554-UPS500	500VA, 6 outlet (4 "UPS", 2 "surge only")	12	299.00

$25000 CONNECTED EQUIPMENT GUARANTEE

MADE IN USA


Two full-time "UPS" protected receptacles
Two full-time "surge only" protected receptacles for laser printers
Ergonomically designed console for easy access
On/off switch
Audible alarm
LED status indicator
Field replaceable battery

Powerhouse 250


Two full-time "surge only" protected receptacles for laser printers
Four full-time "UPS" protected receptacles
Ergonomically designed console for easy access
On/off switch
Audible alarm
LED status indicator
Field replaceable battery

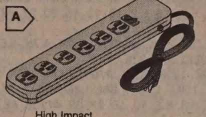
Powerhouse 500

ECONOMY WABERSTRIP® SERIES OUTLET STRIPS

Features:

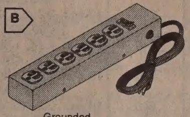
- Push to reset 15 AMP circuit breaker
- Double insulated cord with 3 pronged insulated grounding plug (3ft. 6NX; 4ft. PS6)
- Maximum rating: 15 AMPS, 125 VAC, 60Hz, 1875 watts
- Warranty: 2 years against defects in materials and workmanship
- Master Switch (No Pilot LT.)

A



High Impact Thermoplastic Case

B



Grounded Steel Case

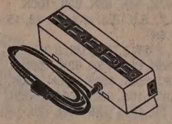
MOUSER STOCK NO.	Fig.	Color	Price Each			
			1	6	12	24
554-PS6	A	Beige	9.99	9.49	8.99	Call
554-6NX	B	Beige	11.95	11.35	10.75	

MULTIPLE OUTLET STRIPS

Specifications:

- Maximum rating: 15A, 125VAC, 60Hz 1875 W, continuous duty
- Outlets: "U" Ground
- Seamless steel case with baked-on finish
- Power cord: 14/3 SJT, molded plug

A



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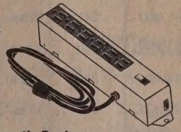

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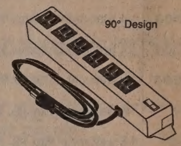


Compact Series

- Cord length: 6'
- Size: 8 3/4" L x 2 3/8" W x 1 1/2" H

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Outlets	Master Switch with Pilot LT	Circuit Breaker	Case Color	Price Each		
						1	6	12
554-4SPDX-6	A	4	Yes	Yes	Beige	13.95	13.25	12.50
554-602	A	5	No	No	Gray	14.46	13.74	13.45
554-UL602CB-6	A	5	No	Yes	Blue	21.82	20.73	20.30
554-603CB	A	4	No	Yes	Gray	18.63	17.70	17.31
554-UL603CB-6	A	4	No	Yes	Blue	20.66	19.63	19.18
554-UL605CB-6	A	3	Yes	Yes	Blue	23.50	22.33	21.87

† UL Listed ✻ UL Listed and CSA Certified

Mid Length Series

- Cord length: 6'
- Size: 13 1/4" L x 2 3/8" W x 1 1/2" H

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	No. of Outlets	Master Switch with Pilot LT	Circuit Breaker	Case Color	Price Each		
							1	6	12
†	554-6SPDX-6	B	6	Yes	Yes	Beige	15.95	15.15	14.50
✻	554-UL24CB-6	B	6	Yes	Yes	Blue	28.57	27.14	26.59

90° Design

For quantities greater than listed, call for quote.

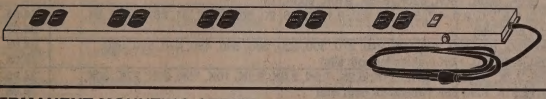
	MOUSER STOCK NO.	Fig.	No. of Outlets	Master Switch with Pilot LT	Circuit Breaker	Case Color	1	6	12
✻	554-UL24RA-6	C	6	Yes	Yes	Blue	29.74	28.25	27.71

† UL Listed ✻ UL Listed and CSA Certified

TRIMLINE SERIES

Specifications:

- Outlets: "U" ground
- Maximum rating: 15A, 125VAC, 60Hz, 1875W, continuous duty
- Protection: circuit breaker
- Power cord: 14/3 SJT, molded plug
- Cord length: 6 feet
- Case color: Blue



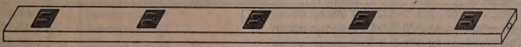
✻ Includes mounting tabs

MOUSER STOCK NO.	No. of Outlets	Dimensions (In.)			Key Hole-Slot Mtg. Centers	Price Each		
		L ✻	W	H		1	6	12
554-UL7208-6	8	25	2	1	22 15/16	43.14	40.98	Call For Quote
554-UL7408-6	8	49	1 1/2	1 3/8	46 15/16	50.90	48.36	
554-UL7415-6	15	49	1 1/2	1 3/8	46 15/16	59.78	56.79	
554-UL7610-6	10	73	1 1/2	1 3/8	70 15/16	60.85	57.81	
554-UL7619-6	19	73	1 1/2	1 3/8	70 15/16	70.95	67.40	

PERMANENT MOUNTING SERIES Designed for Fixed Installation

Specifications:

- Sizes: 3', 4', 5', 6', lengths x 1 19/32W" x 1 3/8"H
- Maximum rating: 15A, 125VAC, 60Hz, 1875W, continuous duty
- Outlets: "U" ground, beige
- Case: fabricated with baked-on beige finish
- 1/2" concentric knockouts on each end
- Back cover mounting holes 3/16" dia.
- Wire nuts and self-tapping screws for attachment of top assembly to back mounting cover is provided



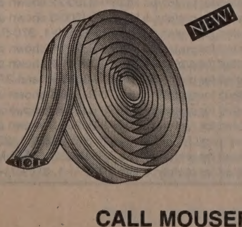
MOUSER STOCK NO.	Length (Ft.)	No. of Outlets	Outlet Centers (In.)	Price Each		
				1	6	12
554-4305	3	5	7	31.55	29.97	Call For Quote
554-4309	3	9	3 1/2	34.40	32.68	
554-4407	4	7	7	39.28	37.32	
554-4413	4	13	3 1/2	43.00	40.85	
554-4508	5	8	7	40.78	38.74	
554-4515	5	15	3 1/2	47.00	44.65	
554-4610	6	10	7	45.22	42.96	
554-4619	6	19	3 1/2	56.32	53.50	

CORDGARD

The quick, inexpensive way to prevent tripping over electrical cords! Also protects and camouflage cords.

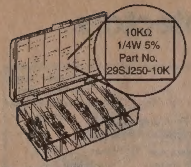
Features:

- Provided with optional double-faced adhesive tape
- Can be permanently attached using epoxy cement
- Ribbed slots on bottom prevent movement on carpet
- Can be easily trimmed to exact lengths
- Use indoors or outdoors
- Ideal for concealing communication cables
- Made of tough, flexible vinyl
- Channel pre-slit for easy cord insertion
- Accepts cord diameter up to 7/16" diameter (14/3 SJT cord)



MOUSER STOCK NO.	Color	Length	Price Each			
			1	4	6	12
554-G6-BE	Beige	6FT	13.95	12.82	11.75	Call For Quote
554-G6-BR	Brown	6FT	13.95	12.82	11.75	
554-G15-BE	Beige	15FT	30.95	28.15	25.80	
554-G15-BR	Brown	15FT	30.95	28.15	25.80	
554-G50-BE	Beige	50FT	95.95	87.20	79.93	
554-G50-BR	Brown	50FT	95.95	87.20	79.93	

Prototype Kits



Features:

- Designed to fill the need of design engineers, prototype, and repair benches, school labs and short-run manufacturing lines
- No guesswork; our kits spell out exactly what you get
- Production quantities of all listed components are in stock at Mouser
- All items in our kits are regularly stocked items
- Compare Mouser kits on this page with anyone else's and you will see why quality, price, selection, and convenience point to a Mouser kit for your needs
- Fully assembled and keyed for easy use

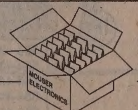
The 240 piece kits contain 10 each of 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the compact storage case. Color code for each item is listed on legend for easy identification.

Resistor Kits

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-299-1	1/8 watt carbon film 5%	1Ω-82Ω	240	**10 ea.:** 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82	19.95
370-299-2	1/8 watt carbon film 5%	100Ω-8.2K	240	**10 ea.:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K	19.95
370-299-3	1/8 watt carbon film 5%	10K-820K	240	**10 ea.:** 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K, 120K, 150K, 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K	19.95
370-SJ250-1	1/4 watt carbon film 5%	1Ω-1KΩ	240	**10 ea.:** 1.0, 2.0, 3.0, 4.7, 5.6, 7.5, 8.2, 10, 12, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	18.95
370-SJ250-2	1/4 watt carbon film 5%	1.1KΩ-100KΩ	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	18.95
370-SJ250-3	1/4 watt carbon film 5%	110KΩ-10MΩ	240	**10 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 2M, 3.3M, 3.9M, 4.7M, 5.6M, 6.8M, 8.2M, 10M	18.95
370-SJ500-1	1/2 watt carbon film 5%	2.2Ω-1KΩ	240	**10 ea.:** 2.2, 2.4, 3.0, 4.7, 5.6, 7.5, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	23.95
370-SJ500-2	1/2 watt carbon film 5%	1.1KΩ- 100KΩ	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	23.95
370-SJ500-3	1/2 watt carbon film 5%	110KΩ-3.3MΩ	240	**10 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 1.1M, 1.3M, 1.5M, 1.6M, 1.8M, 2M, 2.2M, 3.3M	23.95
370-SJ901-1	1 watt carbon film 5%	2.2Ω-1KΩ	240	**10 ea.:** 2.2, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 15, 27, 39, 47, 56, 68, 82, 100, 150, 220, 270, 330, 470, 560, 680, 820, 1K	29.95
370-SJ901-2	1 watt carbon film 5%	1.2KΩ-100KΩ	240	**10 ea.:** 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K	29.95
370-BJ250-1	1/4 watt carbon comp. 5%	2.2Ω-1.0KΩ	240	**10 ea.:** 2.2, 2.7, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1.0K	17.95
370-BJ250-2	1/4 watt carbon comp. 5%	1.1KΩ-100KΩ	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2.0K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	17.95
370-BJ250-3	1/4 watt carbon comp. 5%	100KΩ-910KΩ	240	**10 ea.:** 100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 240K, 270K, 300K, 330K, 360K, 390K, 430K, 470K, 510K, 560K, 620K, 680K, 750K, 820K, 910K	17.95
370-278-1	1/8 watt metal film 1%, 50PPM	4.02Ω-1KΩ	240	**10 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	29.95
370-278-2	1/8 watt metal film 1%, 50PPM	1.1KΩ-100KΩ	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	29.95
370-278-3	1/8 watt metal film 1%, 50PPM	110KΩ-1MΩ	240	**10 ea.:** 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	29.95
370-MF250-1	1/4 watt metal film 1%, 100ppm	4.02Ω-1KΩ	240	**10 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	29.95
370-MF250-2	1/4 watt metal film 1%, 100ppm	1.1KΩ-100KΩ	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	29.95
370-MF250-3	1/4 watt metal film 1%, 100ppm	110KΩ-1MΩ	240	**10 ea.:** 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	29.95
370-271-1	1/4 watt metal film 1%, 50ppm	4.02Ω-1KΩ	240	**10 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	34.95
370-271-2	1/4 watt metal film 1%, 50ppm	1.1KΩ-100KΩ	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	34.95
370-271-3	1/4 watt metal film 1%, 50ppm	110KΩ-1MΩ	240	**10 ea.:** 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	34.95
370-MF500-1	1/2 watt metal film 1%	4.02Ω-1KΩ	240	**10 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	34.95
370-MF500-2	1/2 watt metal film 1%	1.1KΩ-100KΩ	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	34.95
370-MF500-3	1/2 watt metal film 1%	110KΩ-1MΩ	240	**10 ea.:** 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	34.95
370-261-1	1 watt metal oxide 5%	.5Ω-100Ω	240	**10 ea.:** .5, .68, .82, 1.0, 1.5, 2.0, 3.0, 4.7, 5.6, 6.8, 8.2, 9.1, 10, 15, 20, 30, 39, 47, 51, 68, 75, 82, 91, 100 (values for both kits)	34.95
370-262-1	2 watt metal oxide 5%	.5Ω-100Ω	240		39.95
370-261-2	1 watt metal oxide 5%	110Ω-1.0KΩ	240	**10 ea.:** 110, 120, 130, 150, 160, 180, 200, 220, 240, 270, 300, 330, 360, 390, 430, 470, 510, 560, 620, 680, 750, 820, 910, 1.0K (values for both kits)	34.95
370-262-2	2 watt metal oxide 5%	110Ω-1.0KΩ	240		39.95
370-261-3	1 watt metal oxide 5%	1.1KΩ-68KΩ	240	**10 ea.:** 1.1K, 1.5K, 2K, 2.7K, 3K, 3.9K, 4.7K, 5.1K, 6.2K, 7.5K, 8.2K, 9.1K, 10K, 15K, 20K, 27K, 30K, 33K, 39K, 47K, 51K, 62K, 68K (values for both kits)	34.95
370-262-3	2 watt metal oxide 5%	1.1KΩ-68KΩ	240		39.95

MOUSER® "C-PAC" ASSORTMENT

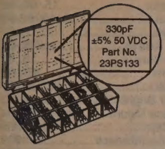
Resistors



These kits feature 100 or 200 pieces of each value

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-SJ250-1C	1/4 watt carbon film	1.0Ω-1KΩ	4800	**200 ea.:** of all values listed for prototype kit 370-SJ250-1 shown above	46.95
370-SJ250-2C	1/4 watt carbon film	1.1KΩ-100KΩ	4800	**200 ea.:** of all values listed for prototype kit 370-SJ250-2 shown above	46.95
370-SJ250-3C	1/4 watt carbon film	110KΩ-10MΩ	4800	**200 ea.:** of all values listed for prototype kit 370-SJ250-3 shown above	46.95
370-SJ250-C	1/4 watt carbon film	1Ω-10MΩ	14,400	**200 ea.:** of all values listed for prototype kits 370-SJ250-1, 370-SJ250-2 & 370-SJ250-3 shown above	139.95
370-SJ500-1C	1/2 watt carbon film	2.2Ω-1KΩ	4800	**200 ea.:** of all values listed for prototype kit 370-SJ500-1 shown above	74.95
370-SJ500-2C	1/2 watt carbon film	1.1KΩ-100KΩ	4800	**200 ea.:** of all values listed for prototype kit 370-SJ500-2 shown above	74.95
370-SJ500-3C	1/2 watt carbon film	110KΩ-3.3MΩ	4800	**200 ea.:** of all values listed for prototype kit 370-SJ500-3 shown above	74.95
370-SJ500-C	1/2 watt carbon film	2.2Ω-3.3MΩ	14,400	**200 ea.:** of all values listed for prototype kits 370-SJ500-1, 370-SJ500-2 & 370-SJ500-3 shown above	217.95
370-SJ901-1C	1 watt carbon film	2.2Ω-1KΩ	2400	**100 ea.:** of all values listed for prototype kit 370-SJ901-1 shown above	114.95
370-SJ901-2C	1 watt carbon film	1.2KΩ-1A00KΩ	2400	**100 ea.:** of all values listed for prototype kit 370-SJ901-2 shown above	114.95
370-SJ901-C	1 watt carbon film	2.2Ω-100KΩ	4800	**100 ea.:** of all values listed for prototype kits 370-SJ901-1 and 370-SJ901-2 shown above	229.95
370-BJ250-1C	1/4 watt carbon comp.	2.2Ω-1.0KΩ	2400	**100 ea.:** of all values listed for prototype kit 370-BJ250-1 shown above	139.95
370-BJ250-2C	1/4 watt carbon comp.	1.1KΩ-100KΩ	2400	**100 ea.:** of all values listed for prototype kit 370-BJ250-2 shown above	139.95
370-BJ250-3C	1/4 watt carbon comp.	100KΩ-910KΩ	2400	**100 ea.:** of all values listed for prototype kit 370-BJ250-3 shown above	139.95
370-BJ250-C	1/4 watt carbon comp.	2.2Ω-910KΩ	7200	**100 ea.:** of the 72 values listed for prototype kits 370-BJ250-1, 370-BJ250-2 & 370-BJ250-3 shown above	249.95
370-MF250-C	1/4w metal film 1% 100ppm	4.02Ω-1MΩ	7200	**100 ea.:** of all values listed for prototype kits 370-MF250-1, 370-MF250-2 & 370-MF250-3 shown above	249.95
370-271C	1/4w metal film 1% 50ppm	4.02Ω-1MΩ	14,400	**200 ea.:** of all values listed for prototype kits 370-271-1, 370-271-2, & 370-271-3 shown above	329.95

Prototype Kits

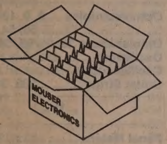


- Designed for engineers, prototype and repair benches, school labs, short production runs, and hobbyists
- No guesswork. Our kits spell out exactly what you get
- Production quantities of all listed components are in stock. Call for Quote
- Compare kits on this page with anyone else's and you will see why quality, price, selection, and convenience are reasons to purchase component kits from Mouser.

Capacitor Kits

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-540-1	Tantalum, ±10%, 6.3-35 volt, radial	.1-100µF	120	**10 each:** .1, .15, .22, .33, .47, .68 (35WVDC), **5 each:** 1.0 (35WVDC), 2.2, 4.7, 10, (25WVDC), 3.3, 4.7, 6.8, 22, (16WVDC), 33, (10WVDC), 15, 47, 100 (6.3WVDC)	**49.95**
370-140PFK-1	Mylar, ±10%, 100 volt, radial	.001-.47µF	175	**10 each:** .001, .0015, .002, .0022, .0033, .005, .01, .015, .02, .022, .033, .047, .05, .068, .1, .15, .22, **5 each:** .47	**23.95**
370-140PFF-1	Mylar, ±2%, 100 volt, radial	.001-.1µF	120	**10 each:** .001, .0015, .0022, .0033, .0047, .01, .015, .022, .033, .047, .068, .1	**49.95**
370-GP50-1	Ceramic disc, 50 volt, radial	5pF-.1µF	360	**20 each:** 5, 10, 22, 33, 47, 68, 100, 220, 270, 330, 470, 500pF, .001, .002, .005, .01, .05, .1	**29.95**
370-GP500-1	Ceramic disc, 500 volt radial	5pF-.02µF	360	**20 each:** 5, 10, 22, 33, 47, 68, 82, 100, 220, 270, 330, 470, 500pF, .001, .002, .005, .01, .02	**29.95**
370-208-25	Miniature electrolytic radial	1-1,000µF	85	**10 each:** 1, 2.2, 3.3, 4.7, 10 (50WVDC), **5 each:** 22 (50WVDC), 33, 47 (35WVDC), 100, 220, 470, 1000 (25WVDC)	**33.95**
370-PS-1	Polystyrene film, ±5%, 50WVDC	100-820pF	120	**10 each:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820 (axial leads)	**24.95**
370-PS-2	Polystyrene film, ±5%, 50WVDC	.001-.01µF	120	**10 each:** .001, .0012, .0015, .0018, .002, .0022, .0027, .0033, .0039, .005, .0068, .01 (axial leads)	**24.95**
370-140XAL-1	Miniature electrolytic axial	.47-1000µF	80	**10 each:** .47, 1.0 (50V), **5 each:** 2.2, 3.3, 4.7, 10, 20, 220, (50V), 33, 470, (35VDC), 47, 100, 330, 1000, (25VDC)	**29.95**
370-140XAL-2	Miniature electrolytic axial	220-4700µF	25	**5 each:** 220 (50VDC), 330 (25VDC), **3 each:** 470 (35VDC), 1000 (25VDC), 1000 (50VDC) **2 each:** 220, 3300, 4700 (35VDC)	**29.95**
370-140XR-1	Miniature electrolytic radial	1-1000µF	80	**10 each:** 1, 2.2, 4.7, 22 (50V), **10 each:** 10, 47 (35V) **5 each:** 100, 470, 1000 (25V), 220 (35V)	**29.95**
370-140MLR-1	Micro-miniature Electrolytic radial	.1-220µF	150	**10 each:** .1, .22, .33, .47, 1.0, 2.2, 3.3, 4.7, 10 (50V), 4.7, 22 (35V), 33 (25V), 47, 100 (16V), 220 (10V)	**49.95**

"C-PAC" ASSORTMENT



Capacitor Kits

"C-PAC" kits are the same as above, but are packaged with 100 or 200 of each value.

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-140PFK-C1	100V±10% mylar	.001-.005µF	600	**100 each:** .001, .0015, .002, .0022, .0033, .005	**28.95**
370-140PFK-C2	100V±10% mylar	.01-.047µF	600	**100 each:** .01, .015, .02, .022, .033, .047	**36.95**
370-140PFK-C3	100V±10% mylar	.05-.047µF	600	**100 each:** .05, .068, .1, .15, .22, .47	**89.95**
370-140PFK-C	100V±10% mylar	.001-.047µF	1800	**100 each:** All values listed above	**134.95**
370-GP50-C	50V ceramic disc	5pF-.1µF	3600	**200 each:** All values listed above in 370-GP50-1	**89.95**

Component Kits

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-159-1	Solderless connectors	- - - - -	180	18 types of connectors and disconnects, insulated	**14.95**
370-333-1N1	Diode/rectifiers (1 amp)	50-1000PRV	140	**20 each:** 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, 1N4006, 1N4007	**29.95**
370-35LED-1	Light emitting diodes	- - - - -	90	18 types T1, T-1 3/4, rectangle and square, clear and diffused lenses	**39.95**
370-333Z-1	Zener diodes (500mW)	5.6-24 Volt	100	**5 each:** of 20 values 5.6 to 24 volts, ±5%	**33.95**
370-332-1	Microprocessor crystals	23 types	46	**2 each:** 3.2768, 3.579545, 3.93216, 4.0, 4.096, 4.194304, 4.433, 4.9152, 5.0, 5.0688, 6.0, 6.144, 6.5536, 8.0, 10.0, 12.0, 12.069, 14.31818, 16.0, 18.0, 18.432, 19.2, 20.0MHz	**89.95**
370-44FM-1	Metric fuse kit	.5-10amp	60	**10 each:** .5, 1, 2, 3, 5 and 10amp	**12.95**
370-44FP-1	Standard fast acting fuses	1/4-5amp	180	**30 each:** .25, .50, 1.0, 2.0, 3.0, 5.0 amp 250 volt	**23.95**
370-MOV-1	Metal oxide varistor kit	48-510V	25	**3 each:** VZA series: 48, 130, 150; VZC series: 130, 150, 250; **2 each:** VZD series: 130, 150, 275, 510	**32.95**
370-NTC-T2	NTC thermistors	100Ω to 50KΩ	60	**5 each:** 100, 200, 300, 500, 1K, 2K, 3K, 5K, 10K, 15K, 20K, 50K @ 25°C	**29.95**
370-RFC-1	RF choke (43LR series)	.22-1000µH	180	**10 each:** .22, .47, 1.0, 2.2, 3.3, 4.7, 10, 15, 22, 33, 47, 68, 100, 220, 330, 470, 680, 1000µH	**49.95**
370-TPV-1	Trim pots 6, 8,10mm vertical	1KΩ to 500KΩ	180	**10 each:** 321-2100 series 6mm: 1K, 5K, 10K, 50K, 100K, 500K, (.05W) .32RM series 8mm: 1K, 5K, 10K, 100K, 500K, (.1W) 32RW series 10mm: 1K, 5K, 10K, 50K, 100K, 500K, (.1W)	**69.95**
370-PTH-10	Trim pots 10mm, vertical	100 to 5MΩ	150	**10 each:** 100, 200, 500, 1K, 2K, 4.7K, 10K, 22K, 47K, 100K, 220K, 470K, 1M, 2M, 5M	**69.95**
370-TPH-1	Trim pots 6, 8, 10mm horizontal	1KΩ to 500KΩ	180	**10 each:** 321-2000 series 6mm: 1K, 5K,10K, 50K, 100K, 500K, (.05W) 32RH series 8mm: 1K, 5K, 10K, 50K, 100K, 500K (.1W) 32R series 10mm:1K, 5K, 10K, 50K, 100K, 500K, (.1W)	**69.95**
370-LIN-1	Linear IC kit	- - - - -	76	**5 each:** LM311, LM324, LM339, LF353, LM358, LM393, NE555, NE556, MC1488, MC1489, ULN2003A **3 each:** LF347, LF356, LM741, LM1458, CA3130, CA3140, CA3059	**69.95**
370-TRA-1	Transistors	- - - - -	180	**10 each:** 2N2222A,2N2369A, 2N2907, 2N3394, 2N3707, 2N3904, 2N3906, 2N4124, 2N4400, 2N4401, 2N4403, 2N6426, MPSA12, MPSA42, MPSA56, MPSA63, BC547 and 2SA733	**39.95**
370-511-1	Transistors, power, TO-220	- - - - -	90	**5 each:** MJE3055T, MJE13005, MJE13007, TIP29, TIP29C, TIP30, TIP31C, TIP32, TIP32C, TIP41C, TIP42, TIP42C, TIP48, TIP120, TIP121, TIP122, TIP125, and TIP131	**89.99**
370-SMD-1	Surface mount diode rectifiers	1amp, 50-800PRV	60	**10 each:** 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, 1N4006	**29.95**
370-159-2	Solderless connectors	- - - - -	180	18 types of connects and disconnects, non-insulated	**14.95**
370-331-1	1 amp dip silicon bridge rectifiers	50-800PRV	30	**5 each:** 50, 100, 200, 400, 600, 800PRV	**29.95**
370-VRG-1	Voltage regulator IC kit	5V-18V, variable	72	**4 each:** 7805, 7805A, 78M05, 78S05, 7905, 7808, 7908, 7812, 7812A, 78S12, 7912, 7815, 7915A, 7818, 7918, LM317T, LM337, LM723	**59.95**
370-331-2	200 PRV silicon bridge rectifiers	1-15amp	80	**10 each:** 1, 1.5, 2, 3, 4, 6, 10, 15 (200PRV)	**159.95**
370-526-1	Semiconductor	- - - - -	155	NTE replacements, 25 different types (replaces 63,703 devices)	**249.95**
370-526-2	Semiconductor	- - - - -	125	NTE replacements, 25 different types (replaces 20,251 devices)	**219.50**
370-164-1	Binding post kit	- - - - -	40	**10 each:** Red and black; **5 each:** Blue, green, white, and yellow	**49.95**
561-M1991	Transistor hardware, nylon	- - - - -	180	Assortment: 17 styles and configurations	**26.98**
561-M1992	Spacers/standoffs, nylon	- - - - -	340	Assortment: 40 sizes and types	**44.44**
561-M1993	Shoulder washers, nylon	- - - - -	300	Assortment: 30 sizes and types	**26.98**
561-M1994	PCB posts, nylon	- - - - -	700	Assortment: 10 sizes and types	**44.44**
561-M1995	Cable clips, nylon	- - - - -	140	Assortment: 15 sizes and types	**26.98**
561-M1996	Cable clamps, nylon	- - - - -	290	Assortment: 18 sizes	**44.44**
561-M1997	Flat washers, nylon	- - - - -	500	Assortment: over 40 sizes	**26.98**
561-M1998	Screws & nuts, nylon	- - - - -	750	Assortment: over 40 sizes	**44.44**
561-M1999	Strain relief	- - - - -	108	**9 each:** of the 12 most popular series	**25.20**
565-2173	Fiber washer kit	.115".385"ID	108	**9 each:** .115" to .385" I.D.	**48.73**
524-11-528	Metric hardware kit	2-4mm	108	2.0, 2.6, 3.0, and 4mm hardware	**37.49**
383-1425	Color coded wire jumper kit	#22 AWG	560	25 pieces of 14 lengths #22 AWG solid	**12.58**
538-KK-100	Modular interconnection kit	.100"	- - -	Designer/service kit for .100" center, K.K. series modular connectors	**39.95**
538-KK-156	Modular interconnection kit	.156"	- - -	Designer/service kit for .156" center, K.K. series modular connectors	**39.95**

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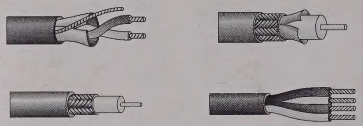

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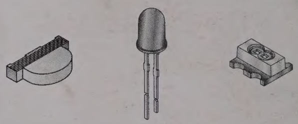

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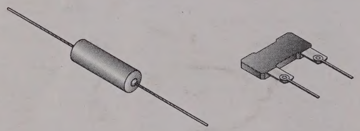

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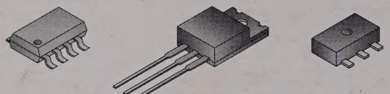

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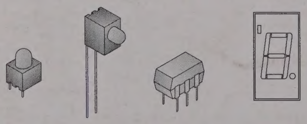

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